

Collection Records of the Project "Mosquitoes of Middle America"**4. Leeward Islands: Anguilla (ANG), Antigua (ANT), Barbuda (BAB),
Montserrat (MNT), Nevis (NVS), St. Kitts (KIT)¹**

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For general information and collections from the Dominican Republic (RDO) the first publication of this series should be consulted (Belkin and Heinemann, 1973). Any departure from the method of presentation in this publication is indicated below. The second publication of the series (Belkin and Heinemann, 1975a) recorded data on collections from Puerto Rico (PR,PRA,PRX) and Virgin Is. (VI,VIA) and the third (Belkin and Heinemann, 1975b) collections from Bahama Is. (BAH), Cayman Is. (CAY), Cuba (CUB), Haiti (HAC,HAR,HAT) and Lesser Antilles (LAR).

A few additional collection records in Leeward Islands will be found in Belkin and Heinemann (1975b) under Lesser Antilles (LAR) for Montserrat, Nevis, St. Barthelemy and St. Martin. Two additional records from Antigua (FWIA) will appear in the future in a publication on the French West Indies; these collections were made by Pierre Fauran, then at the Institut Pasteur de la Guadeloupe.

Almost all the collections in the Leeward Islands were made expressly for the project by or under the supervision of T. H. G. Aitken (A) with the assistance of two members of the staff of the Trinidad Regional Virus Laboratory while on leave: Ambrose Guerra (G) and Raymond Martinez (M). We are greatly indebted to Dr. Aitken and his assistants for these valuable collections. A few additional collections were made by Richard F. Darsie (D) on Antigua and Barbuda and by Dennis C. Watson (W) on Antigua. We thank these individuals for these collections.

The collection records are grouped under the name of the island. On individual islands the location of a collection is usually given first under the parish followed by the nearest town on the larger islands and then by the specific locality. Because of the inconsistency in the use of the apostrophe in the name of a locality we have eliminated the apostrophe in all cases.

ANGUILLA

Code: ANG

The collections from Anguilla available to the project are identified by the following printed label: //ANG[handwritten 1-18]/Anguilla 66-67/Mosq Mid Amer//. They were made on 31 Aug-2 Sept 1966 by Ambrose Guerra. The location of a collection was plotted on the map of the Leeward Islands 1:25,000, series E848, sheet 1 but the grid coordinates were determined on map 1:250,000, series 1501, sheet NE 20-6.

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ANG Collection Records

1. St. Marys, The Valley, Administration Building (MR9314), 30 m; 31 Aug 66, G. Large artificial container (tire) in clearing in domestic area; water temporary, clear, fresh; no vegetation; bottom with organic matter; partial shade. *Ae. (S.) aegypti*.

2. St. Marys, The Quarter, Mahogany Tree (MR9514), 20 m; 31 Aug 66, G. Large artificial container (steel drum) in domestic-cultivation area; water semipermanent, turbid, fresh; no vegetation; bottom with organic matter; partial shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

3. St. Marys, The Valley, just SW of Administration Building (MR9314), 35 m; 31 Aug 66, G. Coral rockhole in clearing; water temporary, clear, fresh; no vegetation; bottom of rock; partial shade. *Ae. (S.) aegypti*.

4. St. Marys, The Quarter, The Farrington (MR9614), 20 m; 1 Sept 66, G. Large artificial container (steel drum) in domestic-cultivation area; water temporary, clear, fresh; no vegetation; bottom with organic matter; partial shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

5. St. Marys, The Copse, just SW of Sandy Hill (MR9815), 15 m; 1 Sept 66, G. Large artificial container (steel drum) in domestic area; water semipermanent, turbid, fresh; no vegetation; bottom with organic matter; partial shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

6. St. Marys, The Copse, School Pond near school (NR0017), 5 m; 1 Sept 66, G. Animal tracks in grazing area near road; water temporary, clear, brackish; some algae present; full sun. *Cu. (Cu.) bahamensis*.

7. St. Marys, Island Harbour (MR9919), 5 m; 1 Sept 66, G. Stream pool in grazing-domestic area; water semipermanent, clear, stagnant, fresh; algae present; bottom of gravel; deep shade. *Cu. (Cu.) bahamensis*.

8. St. Marys, Island Harbour (MR9919), 5 m; 1 Sept 66, G. Adults flying in rocky cave with water; at 1200; deep shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

9. St. Marys, Little Harbour (MR9211), near sea level; 1 Sept 66, G. Pond in mangroves; water permanent, brown, brackish; bottom with mud and dead leaves; partial shade. *Cu. (Cu.) bahamensis*.

10. St. Marys, Little Harbour (MR9211), near sea level; 1 Sept 66, G. Pond in mangroves; water permanent, brown, brackish; bottom with mud and dead leaves; partial shade. *Cu. (Cu.) bahamensis*.

11. St. Marys, Little Harbour (MR9211), near sea level; 1 Sept 66, G. Large crabhole in mangroves near seashore; water semipermanent, clear, fresh to brackish; no vegetation; bottom with mud and organic matter; partial shade. *Ae. (O.) taeniorhynchus*, *D. magnus*.

12. St. Marys, Little Harbour (MR9211), near sea level; 1 Sept 66, G. Large crabhole in mangroves near seashore; water semipermanent, clear, brackish; no vegetation; bottom with mud; partial shade. *Ae. (O.) taeniorhynchus*, *D. magnus*.

13. St. Marys, Little Harbour (MR9211), near sea level; 1 Sept 66, G. Adults resting in crabhole in mangroves near seashore; at 1700; partial shade. *Ae. (O.) taeniorhynchus*, *D. magnus*.

14. St. Marys, Deep Waters, just NW of Badcocks Pond (MR9617), 5 m; 2 Sept 66, G. Large ground pool in grazing area; water semipermanent, clear, brackish; scanty vegetation present; bottom with mud and organic matter; partial shade. *Cu. (Cu.) bahamensis*.

15. St. Marys, Sandy Ground Village, near NW corner of Road Salt Pond (MR9013), near sea level; 2 Sept 66, G. Ditch along road under coconuts in domestic area; water permanent, clear, brackish, with slow current; scanty vegetation present; bottom with sand; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

16. St. Marys, Long Bay Village, near SW end of Mead's Bay Pond (MR8510), 5 m; 2 Sept 66,

ANG Collection Records

G. Small ground pool in mangroves near road; water temporary, clear, brackish; scanty vegetation present; partial shade. *Ae. (O.) taeniorhynchus*.

17. St. Marys, Long Bay Village, near SW end of Mead's Bay Pond (MR8510), 5 m; 2 Sept 66, G. Small ground pool in mangroves near road; water temporary, clear, brackish; scanty vegetation present; bottom with mud; partial shade. *Ae. (O.) taeniorhynchus*.

18. St. Marys, Long Bay Village, near SW end of Mead's Bay Pond (MR8510), 5 m; 2 Sept 66, G. Large ground pool in mangroves near road; water temporary, clear, brackish; scanty vegetation present; bottom with mud and organic matter; partial shade. No mosquitoes.

ANG Locality Index

ST. MARYS

Badcocks Pond (MR9617), 5 m. Just NW of pond.—14.

Island Harbour (MR9919), 5 m.—7,8.

Little Harbour (MR9211), near sea level.—9,10,11,12,13.

Mahogany Tree (MR9514), 20 m.—2.

Mead's Bay Pond (MR8510), 5 m. Near SW end of pond.—16,17,18.

Sandy Ground Village (MR9013), near sea level. Near NW corner of Road Salt Pond.—15.

Sandy Hill (MR9815), 15 m. Just SW of hill.—5.

The Copse School Pond (NR0017), 5 m. Near the school.—6.

The Farrington (MR9614), 20 m.—4.

The Valley (MR9314), 30-35 m. Administration Building.—1,3.

ANG Species Index

Aedes (Ochlerotatus) taeniorhynchus (Wiedemann, 1821).—11,12,13,15,16,17.

Aedes (Stegomyia) aegypti (Linnaeus, 1762).—1,2,3,4,5,8.

Culex (Culex) bahamensis Dyar and Knab, 1906.—6,7,9,10,14,15.

Culex (Culex) quinquefasciatus Say, 1823.—2,4,5,8.

Deinocerites magnus (Theobald, 1901).—11,12,13.

ANTIGUA

Code: ANT

The collections from Antigua available to the project are identified by the following printed label (date modified in some cases as indicated below): //ANT[handwritten 1-124]/Antigua 65-66/Mosq Mid Amer//. They were made on 11-30 Sept 1965 (1-122D) by T. H. G. Aitken (A) and/or Ambrose Guerra (G) and Raymond Martinez (M) and by Dennis C. Watson (W) on 9-12 July 1965 (122E-122H) and Richard F. Darsie (D) on 29 Apr-2 May 1959. The location of a collection was plotted on maps of Antigua, 1:25,000, series E843, East and West sheets, but the grid coordinates were determined on map of Lesser Antilles, 1:50,000, series E 741, sheet 1.

ANT Collection Records

1. St. John, St. Johns, Golden Grove Mill (PP230882), 20 m; 11 Sept 66, AGM. Pond (15 x 12 m) in grazing area; water semipermanent, turbid, stagnant, fresh; abundant grassy and float-

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ing vegetation; bottom with mud and decaying plant matter; full sun. *U. apicalis*.

2. St. Mary, Bolands, swamp near Jolly Beach Hotel (PP 184843), near sea level; 11 Sept 65, AGM. Large crabhole in mangrove swamp; water turbid, brackish; no vegetation; bottom with mud; partial shade. *Ae. (O.) taeniorhynchus*.

3. St. Mary, Bolands, swamp near Jolly Beach Hotel (PP184843), near sea level; 11 Sept 65, AGM. Large crabhole in saltmarsh; water turbid, brackish; no vegetation; bottom with mud; partial to full sun. *Ae. (O.) taeniorhynchus*.

4. St. Mary, Bolands, swamp near Jolly Beach Hotel (PP184843), near sea level; 11 Sept 65, AGM. Adults resting in crabhole (about 10 m N of ANT 3) in salt marsh; at 1200; partial shade. *D. magnus*.

5. St. Mary, Bolands, Valley Church (PP178833), near sea level; 11 Sept 65, AGM. Ditch along road; water temporary, clear, stagnant, fresh; some grassy and herbaceous vegetation; bottom with mud and dead plant matter; full sun. *Ae. (O.) taeniorhynchus*.

6. St. Mary, Old Road, near Curtain Bluff Hotel (PP233790), 20 m; 11 Sept 65, AGM. Marshy depression at edge of domestic area; water temporary, turbid, stagnant, fresh; abundant scum and grassy vegetation; bottom with mud and dead plant matter; full sun. *Ae. (O.) taeniorhynchus*.

7. St. John, St. Johns, Gambles Terrace (PP233914), 20 m; 11 Sept 65, GM. Adults resting on wall in house; at 0600. *Cu. (Cu.) quinquefasciatus*.

8. St. John, St. Johns, Botanical Garden (PP233907), 30 m; 11 Sept 65, A. Large artificial container (steel drum); water semipermanent, clear, fresh; no vegetation; bottom with plant matter. *Ae. (S.) aegypti*.

9. St. John, St. Johns, "Villa area," near sea level; 12 Sept 65, A. Marshy depression in saltmarsh; water semipermanent, turbid, stagnant, brackish; some woody vegetation; bottom with mud and dead plant matter. *Ae. (O.) taeniorhynchus*.

10. St. John, St. Johns, Fort James (PP205919), near sea level; 12 Sept 65, A. Large treehole at edge of domestic area near sea; 0.3 m above ground; water clear; bottom with dead plant matter; full sun. *Ae. (S.) aegypti*.

11. St. John, St. Johns, Fort James (PP205919), near sea level; 12 Sept 65, GM. Large crabhole at edge of saltmarsh; water turbid, brackish; some scum and herbaceous vegetation; bottom with mud; partial shade. *Ae. (O.) taeniorhynchus*.

12. St. John, St. Johns, Fort James (PP205919), near sea level; 12 Sept 65, GM. Small treehole (in "Laballie" tree) at edge of domestic area near sea; at 1.2 m above ground; water clear; bottom with dead plant matter; partial shade. *Ae. (O.) taeniorhynchus*, *Ae. (S.) aegypti*.

13. St. John, St. Johns, Fort James (PP205919), near sea level; 12 Sept 65, GM. Large artificial container (cistern) in domestic area near sea; water permanent, clear, fresh; some scum; deep shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

14. St. John, St. Johns, 45 m E of Fort James (PP205919), near sea level; 12 Sept 65, GM. Adults biting man in mangrove-saltmarsh area; at 1630; partial shade. *Ae. (O.) taeniorhynchus*.

15. St. Paul, Bethesda (PP327822), near sea level; 13 Sept 65, GM. Large ground pool in grazing area; water temporary, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with mud; full sun. *Ae. (O.) tortilis*.

16. St. Paul, Bethesda (PP327822), near sea level; 13 Sept 65, GM. Marshy depression at edge of grazing area near mangroves; water semipermanent, turbid, stagnant, fresh; abundant scum and grassy vegetation; bottom with mud and dead plant matter; partial shade. *Ae. (O.) taeniorhynchus*, *Ae. (O.) tortilis*.

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17. St. Paul, Bethesda (PP327822), near sea level; 13 Sept 65, GM. Marshy depression at edge of grazing area near mangroves; water semipermanent, turbid, stagnant, fresh; abundant grassy vegetation; bottom with mud and dead plant matter; full sun. *Ae. (O.) taeniorhynchus*.

18. St. Paul, Bethesda (PP327822), near sea level; 13 Sept 65, GM. Small ground pool at edge of grazing area near mangroves; water temporary, brown, stagnant, fresh; some grassy and herbaceous vegetation; bottom with mud and dead plant matter; partial shade. *Cu. (Cu.) nigripalpus*, *Cu. (Cu.) quinquefasciatus*.

19. St. Paul, Bethesda (PP327822), near sea level; 13 Sept 65, GM. Large artificial container (steel drum) at edge of domestic area; water semipermanent, turbid, fresh; some scum; bottom with dead plant matter; partial shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

20. St. Paul, Bethesda (PP327822), near sea level; 13 Sept 65, GM. Small crabhole at edge of mangroves; water turbid, fresh; some scum and grassy vegetation; bottom with mud; partial shade. *Ae. (O.) taeniorhynchus*, *D. magnus*.

21. St. Paul, Bethesda (PP327822), near sea level; 13 Sept 65, GM. Small ground pool at edge of grazing area; water temporary, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with mud and dead plant matter; partial shade. *Ae. (O.) taeniorhynchus*, *An. (N.) aquasalis*, *Cu. (Mel.) atratus*.

22. St. Paul, Bethesda (PP327822), near sea level; 13 Sept 65, GM. Small crabhole in mangroves; water turbid, fresh; some grassy vegetation; bottom with mud; partial shade. *Ae. (O.) taeniorhynchus*, *D. magnus*.

23. St. Paul, Bethesda (PP326822), 10 m; 13 Sept 65, GM. Large artificial container (copper) in domestic area; water permanent, clear, fresh; no vegetation; partial shade. *Ae. (S.) aegypti*.

24. St. Paul, Bethesda (PP326822), 10 m; 13 Sept 65, GM. Large artificial container (tire) at edge of domestic area; water turbid, fresh; no vegetation; deep shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

25. St. Paul, Bethesda (PP326822), 10 m; 13 Sept 65, GM. Large artificial container (concrete pool) at edge of domestic area; water temporary, dark gray, stagnant, fresh, foul; abundant scum; bottom with dead plant matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

26. St. John, St. Johns, Gambles Mill, Woods Pond (PP233917), 20 m; 13 Sept 65, AGM. Pond at edge of grazing area; water permanent, turbid, stagnant, fresh; abundant floating vegetation (*Eichhornia*); bottom with mud; full sun. *Ae. (O.) taeniorhynchus*.

27. St. John, Cedar Grove, Hodge Mill (PP256955), 10 m; 13 Sept 65, AGM. Large artificial container (steel drum) in domestic-grazing area; water temporary, turbid, fresh; no vegetation; bottom with organic matter; full sun. *Cu. (Cu.) quinquefasciatus*.

28. St. John, Cedar Grove, near Antigua Beach Hotel (PP265961), near sea level; 13 Sept 65, AGM. Margin of saltmarsh near road; water permanent, clear, stagnant, salty; some woody vegetation; bottom with mud; full sun. *Ae. (O.) taeniorhynchus*.

29. St. John, St. Johns, Airport Road, Piggotts Junction (PP260915), 20 m; 13 Sept 65, AGM. Adults (freshly emerged) resting on vegetation in flooded pasture; at 1620; full sun. *Ps. (G.) pygmaea*.

30. St. John, St. Johns, Gambles Terrace (PP233914), 20 m; 13 Sept 65, GM. Adults swarming at 40 watt incandescent bulb in house; at 1830. *Cu. (Cu.) quinquefasciatus*.

31. St. John, St. Johns, Botanical Garden (PP233907), 30 m; 14 Sept 65, AGM. Small tree-hole (in *Cassia rubra*) in cultivated area; at 1.2 m above ground; water temporary, green, slimy; some scum and algae; bottom with dead plant matter; partial shade. *Ae. (S.) aegypti*.

ANT Collection Records

32. St. John, St. Johns, Golden Grove Mill (PP230882), 20 m; 14 Sept 65, AGM. Pond (same as ANT 1) in grazing area; water semipermanent, turbid, stagnant, fresh; abundant grassy, herbaceous and floating vegetation; bottom with mud and decaying plant matter; full sun. *An. (N.) albimanus*, *U. apicalis*.

33. St. George, Sea View Farm, Emersons Pond (PP284878), 20 m; 15 Sept 65, AGM. Adults biting man at edge of pond; at 1030; partial shade. *Ae. (O.) tortilis*.

34. St. George, Sea View Farm, Emersons Pond (PP284878), 20 m; 15 Sept 65, AGM. Large ground pool in grazing area; water temporary, turbid, stagnant, fresh; some scum and herbaceous vegetation; bottom with mud and organic matter; partial shade. *An. (N.) albimanus*.

35. St. Peter, All Saints (PP281850), 50 m; 15 Sept 65, AGM. Blocked stream in sugarcane plantation; water temporary, turbid, stagnant, fresh; abundant grassy vegetation; bottom with mud and dead plant matter; partial shade. *An. (N.) albimanus*, *Cu. (Mel.) atratus*.

36. St. Peter, All Saints (PP281850), 50 m; 15 Sept 65, AGM. Large ground pool in sugarcane plantation; water temporary, turbid, stagnant, fresh; some scum and grassy and woody vegetation; bottom with mud and dead plant matter; partial shade. *An. (N.) albimanus*.

37. St. Peter, All Saints (PP281850), 50 m; 15 Sept 65, AGM. Blocked stream in sugarcane plantation; water temporary, turbid, stagnant, fresh; abundant grassy vegetation; bottom with mud and dead plant matter; partial shade. *Cu. (Cu.) ?nigripalpus*.

38. St. Peter, All Saints (PP281850), 50 m; 15 Sept 65, AGM. Adult biting man at blocked stream (same site as ANT 37) in sugarcane plantation; at 1145; partial shade. *Ae. (O.) tortilis*.

39. St. Paul, All Saints, Matthews, Works Pond (PP277840), 60 m; 15 Sept 65, AGM. Large ground pool in grazing-domestic area; water temporary, turbid, stagnant, fresh; abundant grassy vegetation; bottom with mud and dead plant matter; full sun. *Cu. (Cu.) habilitator*, *Cu. (Cu.) nigripalpus*.

40. St. Paul, All Saints, Matthews, Works Pond (PP277840), 60 m; 15 Sept 65, AGM. Pond in sugarcane plantation; water semipermanent, turbid, stagnant, fresh; abundant grassy, herbaceous and floating (*Pistia*) vegetation; bottom with mud and organic matter. *M. (M.) titillans*, *U. apicalis*.

41. St. Paul, All Saints, Matthews, Works Pond (PP277840), 60 m; 15 Sept 65, AGM. Pond in sugarcane plantation; water semipermanent, turbid, stagnant, fresh; abundant grassy, herbaceous and floating (*Pistia*) vegetation; bottom with mud and dead plant matter; deep shade. *Cu. (Cu.) habilitator*, *Cu. (Mel.) atratus*, *U. apicalis*.

42. St. Paul, All Saints, Matthews, Works Pond (PP277840), 60 m; 15 Sept 65, AGM. Pond in sugarcane plantation; water semipermanent, turbid, stagnant, fresh; abundant grassy, herbaceous and floating (*Pistia*) vegetation; partial shade. *Cu. (Mel.) atratus*.

43. St. Paul, All Saints, Matthews, Works Pond (PP277840), 60 m; 15 Sept 65, AGM. Pond in sugarcane plantation; water semipermanent, turbid, stagnant, fresh; abundant grassy, herbaceous and floating (*Pistia*) vegetation; bottom with mud and organic matter; partial shade. *Cu. (Mel.) atratus*, *U. apicalis*.

44. St. Paul, All Saints, Matthews, Works Pond (PP277840), 60 m; 15 Sept 65, AGM. Adults biting man at pond (site of ANT 43) in sugarcane plantation; at 1215; partial shade. *Ae. (O.) tortilis*.

45. St. Mary, Sweets, Wallings Reservoir (PP247813), 150 m; 15 Sept 65, AGM. Terrestrial bromeliad (*Billbergia pyramidalis*) at edge of reservoir; partial shade. *Cor. sp 27*, *Cu. (Micra.) bisulcatus*.

46. St. Mary, Sweets, Wallings Reservoir (PP247813), 150 m; 15 Sept 65, AGM. Blocked

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stream in plantation; water temporary, turbid, stagnant, fresh; some scum and herbaceous vegetation; bottom with rock, decaying fruit and leaves; deep shade. *Ae. (O.) tortilis*, *Cor. sp 26*, *Cu. (Cu.) declarator*, *Ps. (G.) sp near cingulata*.

47. St. Mary, Sweets, Wallings Reservoir (PP247813), 150 m; 15 Sept 65, AGM. Adults resting on rocks and palm fronds near stream (site of ANT 46) in plantation; at 1525; deep shade. *Ae. (O.) tortilis*.

48. St. Mary, Sweets, Wallings Reservoir (PP247813), 150 m; 15 Sept 65, AGM. Epiphytic bromeliad (*Tillandsia utriculata*) in plantation; 3 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.

49. St. Mary, Sweets, Wallings Reservoir (PP247813), 150 m; 15 Sept 65, AGM. Volcanic rockhole at edge of stream in plantation; water turbid; some scum; partial shade. *Cu. (Cu.) declarator*.

50. St. Mary, Sweets, Wallings Reservoir (PP247813), 150 m; 15 Sept 65, AGM. Epiphytic bromeliad (*Tillandsia utriculata*) in plantation; 3.5 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.

51. St. Mary, Sweets, Wallings Reservoir (PP247813), 150 m; 15 Sept 65, AGM. Margin of blocked stream in plantation; water semipermanent, turbid, stagnant, fresh; some scum and herbaceous vegetation; bottom with rock and dead plant matter. *Cu. (Cu.) declarator*.

52. St. John, Potters, Stuarts Pasture (PP252905), 20 m; 16 Sept 65, GM. Marshy depression in grazing area; water semipermanent, turbid, stagnant, fresh; abundant grassy vegetation; bottom with mud and organic matter; full sun. *An. (N.) albimanus*.

53. St. John, Potters, Stuarts Pasture (PP252905), 20 m; 16 Sept 65, GM. Pond in grazing area; water semipermanent, turbid, stagnant, fresh; abundant grassy, herbaceous and woody vegetation; bottom with mud, sand and dead plant matter; full sun. *An. (N.) albimanus*.

54. St. John, Potters, Stuarts Pasture (PP252905), 20 m; 16 Sept 65, GM. Adults biting-landing on man in grazing area; at 1600; partial shade. *Ae. (O.) tortilis*, *Ps. (G.) pygmaea*.

55. St. John, St. Johns, Gambles Terrace (PP233914), 20 m; 16 Sept 65, GM. Adults resting on bednet in house; at 2100. *M. (M.) titillans*.

56. St. John, Potters, Stuarts Pasture (PP252905), 20 m; 16-17 Sept 65, GM. Chamberlain light trap in grazing area; from 1600 (16 Sept) to 0700 (17 Sept); 1.2 m above ground; deep shade. *Ae. (O.) taeniorhynchus*, *Ae. (O.) tortilis*, *D. magnus*, *M. (M.) titillans*, *Ps. (G.) pygmaea*.

57. St. John, St. Johns, Golden Grove Mill (PP230882), 20 m; 17 Sept 65, G. Roadside ditch in domestic area; water temporary, turbid, stagnant, fresh, foul, fermenting; some scum and herbaceous vegetation; bottom with mud and animal wastes; partial shade. *An. (N.) albimanus*, *Cu. (Cu.) quinquefasciatus*.

58. St. John, St. Johns, Golden Grove Mill (PP230882), 20 m; 17 Sept 65, G. Terrestrial bromeliad (*Billbergia pyramidalis*) in domestic area near road; partial shade. *Ae. (S.) aegypti*.

59. St. John, St. Johns, Golden Grove Mill (PP230882), 20 m; 17 Sept 65, G. Large treehole (in *Cassia rubra*) in domestic area near road; 1.2 m above ground; water permanent, brown; bottom with organic matter; partial shade. *Ae. (S.) aegypti*.

60. St. Mary, Bolands, Blubber Valley, Donnings Pond (PP202848), 20 m; 17 Sept 65, G. Large treehole in grazing area; 0.3 m above ground; water permanent, brown; bottom with organic matter; partial shade. *Cu. (Cu.) habilitator*, *Cu. (Cu.) quinquefasciatus*.

61. St. Mary, Bolands, Blubber Valley, Donnings Pond (PP202848), 20 m; 17 Sept 65, G. Pond in grazing area; water semipermanent, turbid, fresh; abundant grassy and floating (*Pistia*)

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vegetation; bottom with mud and dead plant matter; partial shade. *An. (N.) albimanus*, *Cu. (Mel.) atratus*, *U. apicalis*.

62. St. George, Potters, Paynters Pond (PP263902), 20 m; 18 Sept 65, GM. Large ground pool in grazing area; water temporary, turbid, stagnant, fresh; abundant grassy vegetation; bottom with mud and dead plant matter; full sun. *Cu. (Cu.) quinquefasciatus*.

63. St. Peter, Parham, Vernons (PP306876), 30 m; 19 Sept 65, GM. Pond in sugarcane plantation; water semipermanent, turbid, stagnant, fresh; abundant grassy and woody vegetation; bottom with mud and dead plant matter; full sun. *Cu. (Cu.) habilitator*, *Cu. (Cu.) nigripalpus*, *Cu. (Cu.) quinquefasciatus*.

64. St. Peter, Parham, Vernons (PP306876), 30 m; 19 Sept 65, GM. Small ground pool in sugarcane plantation; water temporary, turbid, stagnant, fresh; some herbaceous and woody vegetation; bottom with mud and dead plant matter; full sun. *Cu. (Cu.) habilitator*.

65. St. Philip, Willikies (PP366872), 20 m; 19 Sept 65, GM. Large artificial container (copper) in domestic area; water semipermanent, clear, fresh; no vegetation; deep shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

66. St. George, Piggotts, Fitches Creek near Blackmans Mill (PP285907), near sea level; 19 Sept 65, GM. Pond near mangroves; water semipermanent, grayish, stagnant, fresh, foul; abundant scum and grassy vegetation; bottom with mud and dead plant matter; partial shade. *An. (N.) albimanus*, *An. (N.) aquasalis*.

67. St. George, Piggotts, Fitches Creek near Blackmans Mill (PP285907), near sea level; 19 Sept 65, GM. Pond near mangroves; water semipermanent, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with mud and organic matter; full sun. *An. (N.) albimanus*, *An. (N.) aquasalis*.

68. St. John, Potters, Stuarts Pasture (PP252905), 20 m; 18-19 Sept 65, GM. Chamberlain light trap in grazing area; 1.2 m above ground; from 1830-0800; partial shade. *Ae. (O.) taeniorhynchus*, *M. (M.) titillans*, *Ps. (G.) pygmaea*.

69. St. Philip, NW of Freetown (PP371830), 60 m; 20 Sept 65, GM. Animal tracks in grazing-domestic area; water turbid; abundant grassy vegetation. *An. (N.) albimanus*.

70. St. Philip, NW of Freetown (PP371830), 60 m; 20 Sept 65, GM. Animal tracks in grazing-domestic area; water turbid; abundant grassy vegetation. *An. (N.) albimanus*.

71. St. Philip, NW of Freetown (PP371830), 60 m; 20 Sept 65, GM. Large artificial container (steel drum) in domestic area; water semipermanent, clear, fresh; no vegetation. *Cu. (Cu.) quinquefasciatus*.

72. St. Philip, NW of Freetown (PP371830), 60 m; 20 Sept 65, GM. Pond in grazing area; water permanent, turbid, stagnant, fresh, slimy; abundant flotage, scum, algae, grassy and floating (*Lotus*) vegetation; bottom with mud and dead plant matter; full sun. *An. (N.) albimanus*.

73. St. Philip, NW of Freetown (PP371830), 60 m; 20 Sept 65, GM. Pond in grazing area; water permanent, turbid, stagnant, fresh, slimy; abundant scum, algae, grassy and floating (*Lotus*) vegetation; bottom with mud and dead plant matter; full sun. *An. (N.) albimanus*.

74. St. Philip, NW of Freetown (PP371830), 60 m; 20 Sept 65, GM. Animal tracks in grazing area; water turbid; some scum and herbaceous vegetation; full sun. *Cu. (Cu.) habilitator*.

75. St. Philip, NW of Freetown (PP371830), 60 m; 20 Sept 65, GM. Pond in grazing area; water permanent, turbid, stagnant, fresh; abundant scum, algae, herbaceous and floating (*Lotus*) vegetation; bottom with mud and organic matter. *An. (N.) albimanus*, *Cu. (Mel.) atratus*, *U. apicalis*.

ANT Collection Records

76. St. Philip, NW of Freetown (PP371830), 60 m; 20 Sept 65, GM. Pond in grazing area; water permanent, turbid, stagnant, fresh; abundant scum, algae, herbaceous and floating (*Lotus*, *Pistia*) vegetation; bottom with mud and organic matter; partial shade. *An. (N.) albimanus*, *Cu. (Mel.) atratus*.
77. St. John, Potters, Stuarts Pasture (PP252905), 20 m; 20 Sept 65, GM. Adults biting-landing on man and sweeping collection in grazing area; at 1800; deep shade. *Ae. (O.) taeniorhynchus*, *Ae. (O.) tortilis*, *Ps. (G.) pygmaea*.
78. St. John, Potters, Stuarts Pasture (PP252905), 20 m; 20-21 Sept 65, GM. Trinidad No. 10 trap baited with 2 chicks; 1.2 m above ground; from 1800-0745. *Ae. (O.) taeniorhynchus*, *Ae. (O.) tortilis*, *Ps. (G.) pygmaea*.
79. St. John, Potters, Stuarts Pasture (PP252905), 20 m; 21 Sept 65, GM. Marshy depression in grazing area; water semipermanent, turbid, stagnant, fresh; abundant flotage, scum, algae, grassy and herbaceous vegetation; bottom with mud and dead plant matter; full sun. *An. (N.) albimanus*.
80. St. John, Potters, Stuarts Pasture (PP2590), 20 m; 21 Sept 65, GM. Stream pool in grazing area; water semipermanent, turbid, fresh, with slow current; abundant scum, grassy, herbaceous and floating (*Pistia*) vegetation; bottom with mud, gravel and dead plant matter; partial shade. *M. (M.) titillans*.
81. St. John, Potters, Stuarts Pasture (PP252905), 20 m; 21-22 Sept 65, GM. Trinidad No. 10 trap baited with 2 chicks in grazing area; 1.2 m above ground; from 1630-0730; deep shade. *Ae. (O.) tortilis*, *Cu. (Cu.) nigripalpus*, *Ps. (G.) pygmaea*.
82. St. Mary, Bolands, Boggy Peak (PP2082), 380 m; 22 Sept 65, GM. Epiphytic bromeliad (*Tillandsia utriculata*); 2 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.
83. St. John, St. Johns, Bendals (PP237848), 30 m; 22 Sept 65, GM. Ditch along road in sugarcane plantation; water temporary, turbid, stagnant, fresh, foul; some scum and herbaceous vegetation; bottom with mud and animal wastes; partial shade. *Cu. (Cu.) habilitator*, *Cu. (Cu.) nigripalpus*.
84. St. John, St. Johns, Bendals (PP237848), 30 m; 22 Sept 65, GM. Stream pool; water semipermanent, turbid, stagnant, fresh; some scum and woody vegetation; bottom with mud and dead plant matter; deep shade. *Ae. (O.) tortilis*, *Cu. (Cu.) declarator*, *Cu. (Cu.) habilitator*, *Cu. (Cu.) quinquefasciatus*.
85. St. Philip, NW of Freetown (PP371830), 60 m; 20 Sept 65, GM. Pond in grazing area; water permanent, turbid, stagnant, fresh, slimy; abundant scum, grassy, herbaceous and floating (*Lotus*, *Pistia*) vegetation. *U. apicalis*.
86. St. George, Piggotts, Fitches Creek near Blackmans Mill (PP285907), near sea level; 22 Sept 65, GM. Adults biting-landing on man in mangroves; from 1700-1800; deep shade. *Ae. (O.) taeniorhynchus*.
87. St. George, Piggotts, Fitches Creek near Blackmans Mill (PP285907), near sea level; 23-24 Sept 65, GM. Trinidad No. 10 trap baited with 2 chicks in mangroves; 1 m above ground; from 1700-0700; deep shade. *Ae. (O.) taeniorhynchus*, *Ae. (O.) tortilis*, *Cu. (Cu.) bahamensis*, *D. magnus*.
88. St. George, Piggotts, Fitches Creek near Blackmans Mill (PP285907), near sea level; 23-24 Sept 65, GM. Chamberlain light trap in mangroves; 1.2 m above ground; from 1700-0700; deep shade. *Ae. (O.) taeniorhynchus*, *D. magnus*.
89. St. Paul, Liberta, Brooks Estate (PP285815), 50 m; 23 Sept 65, GM. Ditch along road

ANT Collection Records

in grazing area; water temporary, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with mud and organic matter; partial shade. *An. (N.) albimanus*.

90. St. Paul, Liberta, Brooks Estate (PP285815), 50 m; 23 Sept 65, GM. Small ground pool at edge of grazing area along road; water temporary, clear, stagnant, fresh; some algae and grassy vegetation; bottom with mud and organic matter; full sun. *Cu. (Cu.) habilitator*, *Cu. (Mel.) atratus*.

91. St. Paul, Liberta, Brooks Estate (PP285815), 50 m; 23 Sept 65, GM. Stream margin in grazing area; water semipermanent, turbid, stagnant, fresh; abundant scum and grassy vegetation; bottom with mud and dead plant matter; partial shade. *An. (N.) albimanus*.

92. St. Paul, Liberta, Brooks Estate (PP285815), 50 m; 23 Sept 65, GM. Drain at edge of grazing area along road; water temporary, turbid, stagnant, fresh; abundant scum and grassy vegetation; bottom with mud and dead plant matter; full sun. *Ae. (O.) tortilis*.

93. St. Paul, Liberta, Brooks Estate (PP285815), 50 m; 23 Sept 65, GM. Large artificial container (copper) in domestic-cultivation area; water semipermanent, turbid, fresh, foul, fermenting; dead plant matter floating and on bottom; partial shade. *Cu. (Cu.) quinquefasciatus*.

94. St. Paul, Liberta, near Moravian church (PP2881), 50 m; 23 Sept 65, GM. Terrestrial bromeliad (*Billbergia pyramidalis*) in domestic area; partial shade. *Cu. (Micra.) bisulcatus*.

95. St. Paul, English Harbour Town, Chapel Point (PP307792), near sea level; 23 Sept 65, GM. Drain in domestic area near seashore; water temporary, clear, stagnant, fresh; some scum; bottom with mud and rock; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) quinquefasciatus*.

96. St. John, Potters, Stuarts Pasture (PP252905), 20 m; 24 Sept 65, GM. Trinidad No. 10 trap baited with 2 chicks in grazing area; 1 m above ground; from 0830-1630; deep shade. *Ps. (G.) pygmaea*.

97. St. John, Five Islands, Yepton Mill (PP196907), 10 m; 25 Sept 65, GM. Pond in grazing area; water permanent, turbid, stagnant, fresh; abundant flotage, scum, algae, herbaceous and floating (*Pistia*) vegetation; bottom with mud and dead plant matter; partial shade. *U. apicalis*.

98. St. John, Five Islands, Yepton Mill (PP196907), 10 m; 25 Sept 65, GM. Pond in grazing area; water permanent, turbid, stagnant, fresh; abundant flotage, scum, algae, herbaceous and floating (*Pistia*) vegetation; bottom with mud and dead plant matter; partial shade. *Cu. (Mel.) atratus*, *M. (M.) titillans*, *U. apicalis*.

99. St. John, St. Johns, Ballast Bay (PP203906), near sea level; 25 Sept 65, GM. Small crab-hole near seashore; water turbid, brackish; some herbaceous vegetation; bottom with mud; deep shade. *D. magnus*.

100. St. John, St. Johns, Ballast Bay (PP203906), near sea level; 25 Sept 65, GM. Large crab-hole near seashore; water turbid, brackish; some herbaceous vegetation; bottom with mud; partial shade. *Ae. (O.) taeniorhynchus*, *D. magnus*.

101. St. John, Five Islands, Table Hill (PP1789), 20 m; 25 Sept 65, GM. Ditch near grazing area along road; water temporary, turbid, stagnant, fresh, slimy; abundant algae and grassy vegetation; bottom with mud and sand; full sun. *An. (N.) aquasalis*.

102. St. John, Five Islands, Peggy Pond (PP187897), 15 m; 25 Sept 65, GM. Pond near grazing-domestic area along road; water permanent, turbid, stagnant, fresh; abundant scum and floating (*Pistia*) vegetation; bottom with mud and dead plant matter; full sun. *M. (M.) titillans*.

103. St. John, Five Islands, Table Hill (PP1789), 50 m; 25 Sept 65, GM. Epiphytic bromeliad (*Tillandsia utriculata*); 1.2 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.

104. St. John, Five Islands, Galley Bay Salt Pond (PP174906), near sea level; 25 Sept 65, GM. Animal tracks at edge of mangrove-saltmarsh; water turbid, brackish; some herbaceous vegetation;

ANT Collection Records

partial shade. *Ae. (O.) taeniorhynchus*.

105. St. John, Five Islands, Galley Bay Salt Pond (PP174906), near sea level; 25 Sept 65, GM. Margin of mangrove-saltmarsh; water semipermanent, brown, stagnant, brackish, foul; some flotage, herbaceous and woody vegetation; bottom with mud, sand and dead leaves; partial shade. *Ae. (O.) taeniorhynchus*.

106. St. Paul, Liberta, Sugar Loaf Mt. (PP2780), 250 m; 26 Sept 65, GM. Epiphytic bromeliad (*Wittmackia lingulata*); 1 m above ground; deep shade. *Cu. (Micra.) bisulcatus*.

107. St. Paul, Liberta, Sugar Loaf Mt. (PP2780), 250 m; 26 Sept 65, GM. Terrestrial bromeliad (*Wittmackia lingulata*); deep shade. *Cu. (Micra.) bisulcatus*.

108. St. Paul, Liberta, Sugar Loaf Mt. (PP2780), 230 m; 26 Sept 65, GM. Epiphytic bromeliad (*Tillandsia utriculata*); 2.5 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.

109. St. Paul, Liberta, Sugar Loaf Mt. (PP2780), 230 m; 26 Sept 65, GM. Epiphytic bromeliad (*Wittmackia lingulata*); 1.2 m above ground; deep shade. *Cu. (Micra.) bisulcatus*.

110. St. Paul, Liberta, Sugar Loaf Mt. (PP2780), 210 m; 26 Sept 65, GM. Terrestrial bromeliad (*Wittmackia lingulata*); partial shade. *Cu. (Micra.) bisulcatus*.

111. St. Paul, Liberta, Spring Hill (PP2880), 50 m; 26 Sept 65, GM. Pond in grazing area; water semipermanent, turbid, stagnant, fresh; abundant scum, algae and grassy vegetation; bottom with mud and dead plant matter; full sun. *Ps. (G.) ?pygmaea*.

112. St. Mary, Sweets, Wallings Reservoir (PP2481), 100 m; 27 Sept 65, GM. Terrestrial bromeliad (*Billbergia pyramidalis*); deep shade. *Cu. (Micra.) bisulcatus*.

113. St. Mary, Sweets, Wallings Reservoir (PP2481), 120 m; 27 Sept 65, GM. Terrestrial bromeliad (*Billbergia pyramidalis*); deep shade. *Cu. (Micra.) bisulcatus*.

114. St. Mary, Sweets, Wallings Reservoir (PP2481), 180 m; 27 Sept 65, GM. Stream pool in cultivated area; water temporary, clear, stagnant, fresh; some scum; bottom with rock and dead plant matter; deep shade. *Ae. (O.) tortilis*.

115. St. Mary, Sweets, Wallings Reservoir (PP2481), 180 m; 27 Sept 65, GM. Stream pool in cultivated area; water temporary, turbid, stagnant, fresh; some scum, herbaceous and woody vegetation; bottom with gravel, rock and dead plant matter; deep shade. *Ae. (O.) tortilis*.

116. St. Mary, Sweets, Bishops (PP2582), 150 m; 27 Sept 65, GM. Streamside volcanic rock-hole in cultivated area; water semipermanent, turbid, stagnant, fresh, slimy; some flotage, scum and herbaceous vegetation; dead plant matter on bottom; deep shade. *Cu. (Cu.) declarator*, *Cu. (Cu.) ?habilitator*.

117. St. Paul, Bethesda (PP327822), near sea level; 29 Sept 65, GM. Large ground pool in grazing-mangrove area; water temporary, brown, stagnant, fresh; some scum, grassy and herbaceous vegetation; bottom with mud and dead plant matter; partial shade. *Ps. (G.) pygmaea*.

118. St. Paul, All Saints, Matthews, Works Pond (PP277840), 60 m; 29 Sept 65, GM. Pond in sugarcane plantation; water permanent, turbid, stagnant, fresh; abundant scum, grassy, herbaceous and floating (*Pistia*) vegetation; bottom with mud; partial shade. *M. (M.) titillans*.

119. St. Paul, All Saints, Matthews, Works Pond (PP277840), 60 m; 29 Sept 65, GM. Pond in sugarcane plantation; water permanent, turbid, stagnant, fresh; abundant scum, grassy, herbaceous and floating (*Pistia*) vegetation; bottom with mud; partial shade. *Cu. (Mel.) atratus*, *M. (M.) titillans*, *U. apicalis*.

120. St. Paul, All Saints, Matthews, Works Pond (PP277840), 60 m; 29 Sept 65, GM. Adults biting-landing on man 45 m E of ANT 119; at 1715; deep shade. *Ae. (O.) tortilis*.

121. St. Paul, All Saints, Matthews, 20 m E of Works Pond (PP277840), 60 m; 29-30 Sept

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65, GM. Trinidad No. 10 trap baited with 2 chicks in sugarcane plantation; 1 m above ground; from 1700-0800; deep shade. *Cu. (Cu.) nigripalpus*.

122. St. Paul, All Saints, Matthews, 10 m SE of Works Pond (PP277840), 60 m; 29-30 Sept 65, GM. Chamberlain light trap in sugarcane plantation; 1 m above ground; from 1700-0800; deep shade. *Ae. (O.) tortilis*, *Cu. (Cu.) nigripalpus*, *M. (M.) titillans*, *Ps. (G.)* sp near *cingulata*, *U. apicalis*.

122A. ? St. George, Coolidge Airfield, Long Island (PP319945), 5 m; 21 Sept 65, G. Large ground pool in grazing area; water temporary, clear, fresh; abundant vegetation; bottom with mud; full sun. *Ae. (O.) taeniorhynchus*.

122B. ? St. George, Coolidge Airfield, Long Island (PP321944), 10 m; 21 Sept 65, G. Adults biting-landing on man in grazing area; at 1120; full sun. *Ae. (O.) taeniorhynchus*.

122C. ? St. George, Coolidge Airfield, Long Island (PP314948), near sea level; 21 Sept 65, G. Large artificial container (steel drum) in grazing area near sea; water temporary, turbid, fresh; no vegetation; bottom with organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

122D. ? St. George, Coolidge Airfield, Long Island (PP314948), near sea level; 21 Sept 65, G. Adults resting in steel drum in grazing area; at 1200; partial shade. *Cu. (Cu.) quinquefasciatus*.

122E. St. John, St. Johns, Fort James, open area near lagoon (PP205919), near sea level; 9 Jul 65, W. Large crabhole in saltmarsh; water colored, brackish; some vegetation; bottom with mud; full sun. No specimens.

122F. St. Mary, Old Road (PP2379), 10 m; 11 Jul 65, W. Large artificial container; water temporary, turbid, stagnant, salty; bottom with decaying wood; full sun. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

122G. St. John, St. Johns, "Parour Rd.," 100 m; 12 Jul 65, W. Small artificial container (vase); water clear, fresh; some vegetation; bottom with debris; partial shade. *Ae. (S.) aegypti*.

122H. St. Mary, Old Road (PP2379), near sea level; 10 Jul 65, W. Female blooded at beach; eggs hatched 23 Jul 65. *Ae. (S.) aegypti*.

123. "Harborer"; 2 May 59, D. Adults on ship. *D. magnus*.

124. St. Paul, English Harbour Town (PP3079); 29 Apr 59, D. *Cu. (Cu.) quinquefasciatus*, *D. magnus*.

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ST. GEORGE

Emersons Pond (PP284878), 20 m.—33,34.

Fitches Creek. Near Blackmans Mill (PP285907), near sea level.—66,67,86,87,88.

Long Island (PP3194,3294), near sea level-10 m.—122A,122B,122C,122D.

Paynters Pond (PP263902), 20 m.—62.

ST. JOHN

Ballast Bay (PP203906), near sea level.—99,100.

Bendals (PP237848), 30 m.—83,84.

Cedar Grove. Marsh near Antigua Beach Hotel (PP265961), near sea level.—28. *Hodge Mill* (PP256955), 10 m.—27.

Five Islands. *Peggy Pond* (PP187897), 15 m.—102. *Table Hill* (PP1789), 20-50 m.—101,103.

Fort James (PP205919), near sea level.—10,11,12,13,14,122E.

Galley Bay Salt Pond (PP174906), near sea level.—104,105.

Gambles. *Gambles Mill*, *Woods Pond* (PP233917), 20 m.—26. *Gambles Terrace* (PP233914),

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20 m.—7,30,55.

Golden Grove Mill (PP230882), 20 m.—1,32,57,58,59.

Piggotts Junction (PP260915), 20 m.—29.

Potters. Stuarts Pasture (PP252905), 20 m.—52,53,54,56,68,77,78,79,80,81,96.

St. Johns. Botanical Garden (PP233907), 30 m.—8,31. "Parour Rd."—122G. "Villa area."

—9.

Yepton Mill (PP196907), 10 m.—97,98.

ST. MARY

Bishops (PP2582), 150 m.—116.

Blubber Valley. Donnings Pond (PP202848), 20 m.—60,61.

Boggy Peak (PP2082), 380 m.—82.

Bolands. Swamp near Jolly Beach Hotel (PP184843), near sea level.—2,3,4. *Valley Church* (PP178833), near sea level.—5.

Old Road (PP2379), near sea level—20 m.—6,122F,122H.

Wallings Reservoir (PP2481), 100-180 m.—45,46,47,48,49,50,51,112,113,114,115.

ST. PAUL

Bethesda (PP326822, 327822), near sea level—10 m.—15,16,17,18,19,20,21,22,23,24,25,117.

English Harbour Town. Chapel Point (PP307792), near sea level.—95. Not specified.—124.

Liberta. Brooks Estate (PP285815), 50 m.—89,90,91,92,93. Near *Moravian Church* (PP2881),

50 m.—94.

Matthews. Works Pond (PP277840), 60 m.—39,40,41,42,43,44,118,119,120,121,122.

Spring Hill (PP2880), 50 m.—111.

Sugar Loaf Mountain (PP2780), 210-250 m.—106,107,108,109,110.

ST. PETER

All Saints (PP281850), 50 m.—35,36,37,38.

Vernons (PP306876), 30 m.—63,64.

ST. PHILIP

Freetown (PP371830), 60 m.—69,70,71,72,73,74,75,76,85.

Willikies (PP366872), 20 m.—65.

ANT Species Index

Aedes (Ochlerotatus) taeniorhynchus (Wiedemann, 1821).—2,3,5,6,9,11,12,14,16,17,20,21,22,26, 28,56,68,77,78,86,87,88,95,100,104,105,122A,122B.

Aedes (Ochlerotatus) tortilis (Theobald, 1903).—15,16,33,38,44,46,47,54,56,77,78,81,84,87,92, 114,115,120,122.

Aedes (Stegomyia) aegypti (Linnaeus, 1762).—8,10,12,13,19,23,24,31,58,59,65,122F,122G,122H.

Anopheles (Nyssorhynchus) albimanus Wiedemann, 1820.—32,34,35,36,52,53,57,61,66,67,69,70, 72,73,75,76,79,89,91.

Anopheles (Nyssorhynchus) aquasalis Curry, 1932.—21,66,67,101.

Corethrella sp 26.—46.

Corethrella sp 27.—45.

Culex (Culex) bahamensis Dyar and Knab, 1906.—87.

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- Culex (Culex) declarator* Dyar and Knab, 1906.—46,49,51,84,116.
Culex (Culex) habilitator Dyar and Knab, 1906.—39,41,60,63,64,74,83,84,90,? 116.
Culex (Culex) nigripalpus Theobald, 1901.—18,? 37,39,63,81,83,121,122.
Culex (Culex) quinquefasciatus Say, 1823.—7,13,18,19,24,25,27,30,57,60,62,63,65,71,84,93,95, 122C,122D,122F,124.
Culex (Melanoconion) atratus Theobald, 1901.—21,35,41,42,43,61,75,76,90,98,119.
Culex (Micraedes) bisulcatus (Coquillett, 1906).—45,48,50,82,94,103,106,107,108,109,110,112, 113.
Deinocerites magnus (Theobald, 1901).—4,20,22,56,87,88,99,100,123,124.
Mansonia (Mansonia) titillans (Walker, 1848).—40,55,56,68,80,98,102,118,119,122.
Psorophora (Grabhamia), sp near *cingulata* (Fabricius, 1805).—46,122.
Psorophora (Grabhamia) pygmaea (Theobald, 1903).—29,54,56,68,77,78,81,96,? 111,117.
Uranotaenia apicalis Theobald, 1903.—1,32,40,41,43,61,75,85,97,98,119,122.

BARBUDA

Code: BAB

The collections from Barbuda available to the project are identified by the following printed label: //BAB[handwritten 1-11]/Barbuda 65-66/Mosq Mid Amer//. They were made on 28 Sept 1965 by Ambrose Guerra and Raymond Martinez (1-9) and 23 Apr 1959 by Richard F. Darsie (10,11). The location of a collection was plotted on a tracing of a local map at scale of approximately 1:100,000, but the grid coordinates were determined on map 1:250,000, series 1501, sheet NE 20-11. The only settlement on the island is Codrington. The various localities mentioned are shown on the local map.

BAB Collection Records

1. Codrington (PQ2450), 5 m; 28 Sept 65, GM. Large artificial container (tire) in domestic area; water turbid; bottom with organic matter; partial shade. *Ae. (S.) aegypti*.
2. Codrington Lagoon, 1.5 km N of Codrington (PQ2353), near sea level; 28 Sept 65, GM. Large crabhole at edge of saltmarsh; water turbid, brackish; some scum present; bottom with mud; partial shade. *D. magnus*.
3. Codrington Lagoon, 1.5 km N of Codrington (PQ2353), near sea level; 28 Sept 65, GM. Adults resting in crabhole (same as BAB 2) at edge of saltmarsh; at 1000; partial shade. *D. magnus*.
4. Oyster Pond, S end of Codrington Lagoon, 1.5 km SW of Codrington (PQ2147), near sea level; 28 Sept 65, GM. Large crabhole at edge of saltmarsh; water turbid, brackish; some scum present; bottom with mud; partial shade. *Ae. (O.) taeniorhynchus*, *D. magnus*.
5. Oyster Pond, S end of Codrington Lagoon, 1.5 km SW of Codrington (PQ2147), near sea level; 28 Sept 65, GM. Adults resting in crabhole (same as BAB 4) at edge of saltmarsh; at 1500; partial shade. *D. magnus*.
6. Two Feet Bay, 3 km NE of Codrington (PQ2954), 5 m; 28 Sept 65, GM. Marshy depression; water temporary, turbid, stagnant, brackish; abundant grassy vegetation; bottom with mud and organic matter; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) habilitator*.
7. Hog Cliffs, about 6 km E of Codrington (PQ3350), 3 m; 28 Sept 65, GM. Marshy depression in grazing area; water temporary, turbid, stagnant, brackish; abundant scum and grassy vegetation; bottom with mud and dead plant matter; partial shade. No specimens.

BAB Collection Records

8. Spanish Well Point (PQ3042), 5 m; 28 Sept 65, GM. Small ground pool in grazing area; water temporary, brown, stagnant, fresh; some scum and herbaceous vegetation; bottom with mud and organic matter; partial shade. *Cu. (Cu.) habilitator*.
9. Codrington, Warden's house (PQ2650), 5 m; 28 Sept 65, GM. Adults resting on walls of house; at 1600. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.
10. Codrington; 23 Apr 59, D. Temporary ground pool. *Ps. (G.) pygmaea*.
11. Locality unknown; Apr 59, D. *Ps. (G.) pygmaea*.

BAB Locality Index**BARBUDA**

- Codrington* (PQ2450,2650), 5 m.—1,9,10.
Codrington Lagoon. 1.5 km N of Codrington (PQ2353), near sea level.—2,3.
Hog Cliffs (PQ3350), 3 m.—7.
Oyster Pond (PQ2147), near sea level.—4,5.
Spanish Well Point (PQ3042), 5 m.—8.
Two Feet Bay (PQ2954), 5 m.—6.
Locality not specified.—11.

BAB Species Index

- Aedes (Ochlerotatus) taeniorhynchus* (Wiedemann, 1821).—4,6.
Aedes (Stegomyia) aegypti (Linnaeus, 1762).—1,9.
Culex (Culex) habilitator Dyar and Knab, 1906.—6,8.
Culex (Culex) quinquefasciatus Say, 1823.—9.
Deinocerites magnus (Theobald, 1901).—2,3,4,5.
Psorophora (Grabhamia) pygmaea (Theobald, 1903).—10,11.

MONTSERRAT

Code: MNT

The collections from Montserrat available to the project are identified by the following printed label: //MNT[handwritten 1-134]/Montserrat 66-67/Mosq Mid Amer//. They were made on 3-22 Oct 1966 by T. H. G. Aitken (A) and/or Ambrose Guerra (G) and Raymond Martinez (M). The location of a collection was plotted on the map of Montserrat, 1:25,000, series E803 but the grid coordinates were determined on map 1:250,000, series 1501, sheet NE 20-15. For some localities the correct parish could not be determined because the boundaries of the parishes were not marked on the large scale map.

MNT Collection Records

1. St. Anthony, Plymouth, Elberton Estate, Sand Ghaut (NP8248), 30 m; 3 Oct 66, AGM. Stream pool in clearing near road; water semipermanent, turbid, stagnant, fresh; some flotage, scum and woody vegetation; bottom with gravel, rock and dead plant matter; partial shade. *Ae. (O.) tortilis*, *Cu. (Cu.) habilitator*, *Cu. (Cu.) quinquefasciatus*, *Ps. (G.)* sp near *cingulata*.
2. St. Anthony, Plymouth, Elberton Estate, Sand Ghaut (NP8248), 30 m; 3 Oct 66, AGM.

MNT Collection Records

Stream pool in clearing; water semipermanent, turbid, stagnant, fresh; some scum and grassy and herbaceous vegetation; bottom with gravel, rock and dead plant matter; partial shade. *An. (N.) albimanus*, *An. (N.) argyritarsis*, *Cu. (Cu.) habilitator*, *Cu. (Cu.) quinquefasciatus*, *Ps. (G.)* sp near *cingulata*.

3. St. Anthony, Plymouth, Elberton Estate, Sand Ghaut (NP8248), 30 m; 3 Oct 66, AGM. Stream pool in clearing; water semipermanent, turbid, stagnant, fresh; some scum and herbaceous and woody vegetation; bottom with sand, gravel and dead plant matter; partial shade. *Ae. (O.) tortilis*, *An. (N.) albimanus*, *Ps. (G.)* sp near *cingulata*.

4. St. Anthony, Plymouth, Elberton Estate, Sand Ghaut (NP8248), 30 m; 3 Oct 66, AGM. Stream pool in clearing; water semipermanent, turbid, stagnant, fresh; some scum and herbaceous and woody vegetation; bottom with sand, gravel and decaying vegetation; partial shade. *Ae. (O.) tortilis*, *An. (N.) argyritarsis*, *Cu. (Cu.) quinquefasciatus*, *Ps. (G.)* sp near *cingulata*.

5. St. Anthony, Plymouth, Elberton Estate, Sand Ghaut (NP8248), 30 m; 3 Oct 66, AGM. Stream pool in grazing area; water semipermanent, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with sand, gravel and dead plant matter; partial shade. *Ae. (O.) tortilis*.

6. St. Anthony, Plymouth, Elberton Estate, Sand Ghaut (NP8248), 30 m; 3 Oct 66, AGM. Stream pool in grazing area; water semipermanent, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with sand and gravel; partial shade. *An. (N.) albimanus*, *Cu. (Cu.) declarator*, *Cu. (Cu.) habilitator*, *Cu. (Cu.) quinquefasciatus*, *Ps. (G.)* sp near *cingulata*.

7. St. Anthony, Plymouth, Elberton Estate, Sand Ghaut (NP8248), 30 m; 3 Oct 66, AGM. Adults resting on leaves and rocks at edge of stagnant stream (same site as MNT 4); at 1600 hrs; deep shade. *Ae. (O.) tortilis*, *Cu. (Cu.) ? habilitator*.

8. St. Anthony, Plymouth, Elberton Estate (NP8248), 50 m; 3 Oct 66, AGM. Large artificial container (copper) in grazing area; water semipermanent, brown, foul, fermenting; bottom with organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

9. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 3 Oct 66, AGM. Mangrove swamp interior; water semipermanent, brownish, stagnant, fresh; abundant flotage and herbaceous and woody vegetation; bottom with mud and organic matter; deep shade. *An. (N.) albimanus*, *Cu. (Cu.) habilitator*, *Cu. (Cu.) nigripalpus*, *Cu. (Mel.) atratus*, *Cu. (Mel.) madininensis*.

10. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 3 Oct 66, AGM. Mangrove swamp interior; water semipermanent, brownish, stagnant, fresh; abundant flotage, scum and herbaceous and woody vegetation; bottom with mud and dead plant matter; deep shade. *An. (N.) albimanus*, *Cu. (Cu.) nigripalpus*, *Cu. (Mel.) atratus*.

11. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 3 Oct 66, AGM. Mangrove swamp margin; water semipermanent, turbid, stagnant, fresh; abundant scum and herbaceous and woody vegetation; bottom with mud and dead plant matter; deep shade. *An. (N.) albimanus*, *Cu. (Mel.) atratus*.

12. St. Anthony, Plymouth, Cork Hill Village (NP8349), 100 m; 4 Oct 66, AGM. Animal tracks in grazing area; water turbid, fresh; abundant scum and grassy vegetation; bottom with mud and dead plant matter; full sun. *Cu. (Cu.) quinquefasciatus*, *Ps. (G.)* sp near *cingulata*.

13. St. Anthony, Plymouth, Cork Hill Village (NP8349), 100 m; 4 Oct 66, AGM. Small ground pool in grazing area; water temporary, turbid, stagnant, fresh; abundant grassy vegetation; bottom with mud and dead plant matter. *Cu. (Cu.) habilitator*, *Cu. (Cu.) quinquefasciatus*, *Ps. (G.)* sp near *cingulata*.

14. ? St. Peter, Happy Hill Village, Belham River Bridge (NP8250), 10 m; 4 Oct 66, AGM.

MNT Collection Records

Stream margin in clearing; water permanent, turbid, fresh, with slow current; some algae and grassy vegetation; bottom with sand, gravel and organic matter; partial shade. *An. (N.) argyritarsis*.

15. ? St. Peter, Happy Hill Village, Belham River Bridge (NP8250), 10 m; 4 Oct 66, AGM. Stream pool in clearing; water permanent, turbid, stagnant, fresh; some scum and grassy and herbaceous vegetation; bottom with sand, gravel and rock; partial shade. *An. (N.) albimanus*, *An. (N.) argyritarsis*, *Cu. (Cu.) declarator*, *Cu. (Cu.) habilitator*, *Cu. (Cu.) quinquefasciatus*.

16. St. Anthony, Happy Hill Village, Iles Bay, mouth of Belham River (NP8150), near sea level; 4 Oct 66, AGM. Adults resting in large crabhole; at 1200 hrs; deep shade. *D. magnus*.

17. St. Peter, Happy Hill Village, about 1 km NE of Belham Bridge (NP8351), 70 m; 4 Oct 66, AGM. Large treehole (in cashew, *Anacardium occidentale*) in plantation; water brown; bottom with dead plant matter; deep shade. *Tox. (L.) portoricensis*.

18. St. Peter, Happy Hill Village, about 1 km NE of Belham Bridge (NP8351), 70 m; 4 Oct 66, AGM. Stream pool in clearing; water semipermanent, turbid, stagnant, fresh; some scum and woody vegetation; bottom with gravel and rock; partial shade. *Cu. (Cu.) quinquefasciatus*, *Cu. (Mel.) madininensis*.

19. St. Peter, Happy Hill Village, about 1 km NE of Belham Bridge (NP8351), 70 m; 4 Oct 66, AGM. Blocked stream in clearing; water semipermanent, turbid, stagnant, fresh; some scum and herbaceous and woody vegetation; bottom with gravel and rock; partial shade. *Cu. (Cu.) quinquefasciatus*, *Cu. (Mel.) madininensis*.

20. St. Peter, Happy Hill Village, about 1 km NE of Belham Bridge (NP8351), 70 m; 4 Oct 66, AGM. Small artificial container (tin can) in clearing near stream; water turbid, fresh; some scum; bottom with organic matter; partial shade. *Ae. (H.) busckii*.

21. St. Peter, Happy Hill Village, about 1 km NE of Belham Bridge (NP8351), 70 m; 4 Oct 66, AGM. Epiphytic bromeliad (*Tillandsia utriculata*) in cultivated area; at 2.5 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.

22. St. Peter, Happy Hill Village, about 1 km NE of Belham Bridge (NP8351), 70 m; 4 Oct 66, AGM. Large treehole (in mango, *Mangifera*) in clearing; at 5 m above ground; water turbid; deep shade. *Ae. (H.) busckii*.

23. St. Peter, Frith Village (NP8351), 100 m; 4 Oct 66, AGM. Epiphytic bromeliad (*Tillandsia utriculata*) in clearing along road; at 2.5 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.

24. St. Peter, Salem, Olveston Estate (NP8251), 100 m; 4 Oct 66, AGM. Pond in grazing area; water semipermanent, turbid, stagnant, fresh; abundant scum and grassy vegetation; bottom with mud; full sun. *An. (N.) albimanus*.

25. St. Anthony, Soufriere Hills, Chance Mountain (NP8747), 800 m; 5 Oct 66, AGM. Large treehole in forest; water brown; bottom with organic matter; deep shade. *Ae. (H.) busckii*.

26. St. Anthony, Soufriere Hills, Chance Mountain (NP8747), 800 m; 5 Oct 66, AGM. Adults biting-landing on man in forest (same site as MNT 25); at 1045 hrs; partial shade. *W. (W.) grayii*.

27. St. Anthony, Soufriere Hills, Chance Mountain (NP8747), 800 m; 5 Oct 66, AGM. Flower bracts of *Heliconia caribaea* in forest; water slimy; deep shade. *Ae. (H.) busckii*.

28. St. Anthony, Soufriere Hills, Chance Mountain (NP8747), 800 m; 5 Oct 66, AGM. Large treehole in forest; at 1.2 m above ground; water brownish; deep shade. *Ae. (H.) busckii*.

29. St. Anthony, Soufriere Hills, Chance Mountain (NP8747), 800 m; 5 Oct 66, AGM.

MNT Collection Records

Small treehole in forest; at 1 m above ground; water turbid; bottom with organic matter; deep shade. *Ae. (H.) busckii*.

30. St. Anthony, Soufriere Hills, Chance Mountain (NP8747), 850 m; 5 Oct 66, AGM. Epiphytic bromeliad (*Vriesea*) in forest; at 3 m above ground; partial shade. *Cu. (Micra.) bisulcatus*, *Tox. (L.) guadeloupensis*, *W. (W.) grayii*.

31. St. Anthony, Soufriere Hills, Chance Mountain (NP8747), 850 m; 5 Oct 66, AGM. Epiphytic bromeliad (*Vriesea*) in forest; at 5 m above ground; partial shade. *Cu. (Micra.) bisulcatus*, *W. (W.) grayii*.

32. St. Anthony, Soufriere Hills, Chance Mountain (NP8747), 850 m; 5 Oct 66, AGM. Epiphytic bromeliad (*Glomeropitcairnia*) in forest; at 6 m above ground; partial shade. *Cu. (Micra.) bisulcatus*, *W. (W.) grayii*.

33. St. Anthony, Soufriere Hills, Chance Mountain (NP8747), 850 m; 5 Oct 66, AGM. Epiphytic bromeliad (*Vriesea*) in forest; at 2.5 m above ground; partial shade. *Cu. (Micra.) bisulcatus*, *Tox. (L.) guadeloupensis*, *W. (W.) grayii*.

34. St. Anthony, Soufriere Hills near Gages Lower Soufriere (NP8647), 350 m; 6 Oct 66, AGM. Adults biting-landing on man in forest; at 1100 hrs; deep shade. *W. (W.) grayii*.

35. St. Anthony, Plymouth, Webbs Estate (NP8347), 40 m; 6 Oct 66, AGM. Large artificial container (car part); water temporary, turbid. *Ae. (S.) aegypti*.

36. St. Anthony, Soufriere Hills, near Gages Lower Soufriere (NP8647), 350 m; 6 Oct 66, AGM. Large treehole in forest; water brown; bottom with dead plant matter; deep shade. *Ae. (H.) busckii*.

37. St. Anthony, Soufriere Hills, near Gages Lower Soufriere (NP8647), 350 m; 6 Oct 66, AGM. Epiphytic bromeliad (*Vriesea*) in forest; at 3 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.

38. St. Anthony, Soufriere Hills, near Gages Upper Soufriere (NP8647), 450 m; 6 Oct 66, AGM. Flower bracts of *Heliconia caribaea* in forest; water slimy; deep shade. *Ae. (H.) busckii*.

39. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 8 Oct 66, GM. Mangrove swamp interior; water permanent, brown, stagnant, fresh; abundant scum and herbaceous and woody vegetation; bottom with mud and organic matter; deep shade. *An. (N.) albimanus*, *An. (N.) aquasalis*, *Cu. (Mel.) atratus*.

40. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 8 Oct 66, GM. Large ground pool in mangroves; water semipermanent, turbid, stagnant, fresh; abundant flotage, scum and herbaceous and woody vegetation; bottom with mud and organic matter; deep shade. *Cu. (Cu.) habilitator*, *Cu. (Cu.) nigripalpus*.

41. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 8 Oct 66, GM. Mangrove swamp margin; water permanent, turbid, stagnant, fresh; abundant flotage and herbaceous and woody vegetation; bottom with mud and dead plant matter; deep shade. *An. (N.) albimanus*, *Cu. (Cu.) habilitator*, *Cu. (Cu.) nigripalpus*.

42. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 8 Oct 66, GM. Small crab-hole in mangroves; water turbid, fresh; some scum and herbaceous vegetation; bottom with sand and organic matter; deep shade. *Cu. (Cu.) habilitator*.

43. St. Anthony, Plymouth, about 100 m E of Foxs Bay (NP8149), near sea level; 8 Oct 66, GM. Adults biting-landing on man in mangrove area; at 1730 hrs; partial shade. *Ae. (O.) taeniorhynchus*, *An. (N.) albimanus*.

44. St. Anthony, Plymouth, about 50 m E of Foxs Bay (NP8149), near sea level; 8 Oct 66,

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GM. Adults resting in crabholes in mangrove area; at 1700 hrs; partial shade. *D. magnus*.

45. St. Anthony, Plymouth, about 150 m E of Foxs Bay (NP8149), near sea level; 8-9 Oct 66, GM. Chamberlain Light Trap in mangrove area; at 1.2 m above ground; from 1700-0900 hrs; deep shade. *Cu. (Cu.) habilitator*, *Cu. (Cu.) nigripalpus*, *Cu. (Mel.) atratus*, *Cu. (Mel.) madininensis*, *D. magnus*.

46. St. Anthony, Plymouth, about 200 m E of Foxs Bay (NP8149), near sea level; 9 Oct 66, GM. Adults biting-landing on man in mangrove area; at 0900 hrs; deep shade. *Ae. (O.) taeniorhynchus*.

47. St. Anthony, Plymouth, Richmond Estate (NP8248), 20 m; 10 Oct 66, GM. Epiphytic bromeliad (*Tillandsia utriculata*); at 6 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.

48. St. Peter, Happy Hill Village, Old Road Estate (NP8151), 10 m; 10 Oct 66, GM. Animal tracks in grazing area; water turbid, fresh; abundant scum and grassy vegetation; full sun. *Cu. (Cu.) nigripalpus*.

49. St. Peter, Happy Hill Village, Old Road Estate (NP8151), 10 m; 10 Oct 66, GM. Large crabhole in grazing area near stream; water turbid, fresh; some scum; bottom with mud and organic matter; deep shade. *Cu. (Cu.) habilitator*.

50. St. Peter, Happy Hill Village, Old Road Estate (NP8151), 10 m; 10 Oct 66, GM. Stream pool in clearing; water permanent, turbid, stagnant, fresh; abundant scum, algae and grassy vegetation; bottom with sand, gravel and organic matter; partial shade. *An. (N.) albimanus*.

51. St. Peter, Happy Hill Village, Old Road Estate (NP8151), 10 m; 10 Oct 66, GM. Large crabhole near stream in clearing; water turbid, fresh; bottom with mud and sand; partial shade. *Cu. (Cu.) ? nigripalpus*.

52. St. Peter, Happy Hill Village, Old Road Estate, about 200 m from View Point Hotel (NP8151), 10 m; 10 Oct 66, GM. Adults biting-landing on man in clearing near stream; at 1200 hrs; partial shade. *Ae. (O.) taeniorhynchus*.

53. St. Peter, Happy Hill Village, Old Road Estate, about 200 m from View Point Hotel (NP8151), 10 m; 10 Oct 66, GM. Adults resting in crabhole in clearing near stream; at 1300 hrs; partial shade. *D. magnus*.

54. St. Peter, Salem, Olveston Estate (NP8251), 100 m; 10 Oct 66, GM. Ditch along road in plantation; water semipermanent, turbid, stagnant, fresh; abundant scum and herbaceous and woody vegetation; bottom with sand and organic matter; deep shade. *Cu. (Cu.) declarator*, *Cu. (Cu.) habilitator*, *Cu. (Cu.) nigripalpus*, *Cu. (Cu.) quinquefasciatus*.

55. St. Peter, Salem, Olveston Estate (NP8251), 100 m; 10 Oct 66, GM. Ditch along road in plantation; water semipermanent, turbid, stagnant, fresh; some scum, algae and grassy vegetation; bottom with mud, rock and organic matter; partial shade. *An. (N.) albimanus*, *An. (N.) argyritarsis*, *Cu. (Cu.) declarator*, *Cu. (Cu.) habilitator*, *Ps. (G.)* sp near *cingulata*.

56. St. Anthony, St. Patricks Village, about 1 km E of O'Garra Estate (NP8743), 30 m; 11 Oct 66, GM. Epiphytic bromeliad (*Tillandsia utriculata*) in dry scrub woodland; at 2 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.

57. St. Anthony, Plymouth, about 250 m E of Foxs Bay (NP8149), near sea level; 10-11 Oct 66, GM. Chamberlain Light Trap in mangrove area; at 1 m above ground; from 1730-0000 hrs; deep shade. *D. magnus*.

58. St. Anthony, Plymouth, Elberton Estate, Sand Ghaut (NP8248), 30 m; 11 Oct 66, GM. Stream margin in clearing near road; water semipermanent, turbid, stagnant, fresh; some flottage, scum and woody vegetation; bottom with gravel, rock and organic matter; partial shade. *Cu.*

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(*Cu.*) *habilitator*, *Cu.* (*Cu.*) *nigripalpus*.

59. St. Anthony, South Soufriere Hills, 0.8 km SE of Galways Soufriere (NP8845), 500 m; 12 Oct 66, GM. Epiphytic bromeliad (*Vriesea*) in forest; at 6 m above ground; partial shade.

Cor. sp 21, *Cu.* (*Micra.*) *bis ulcatus*, *W.* (*W.*) *grayii*.

60. St. Anthony, South Soufriere Hills, 1.5 km SE of Galways Soufriere (NP8845), 500 m; 12 Oct 66, GM. Cut bamboo in forest; at 1.5 m above ground; water turbid; bottom with organic matter; deep shade. *Ae.* (*H.*) *busckii*.

61. St. Anthony, South Soufriere Hills, 1.5 km SE of Galways Soufriere (NP8845), 500 m; 12 Oct 66, GM. Epiphytic bromeliad (*Vriesea*) in forest; at 1.5 m above ground; deep shade.

Cu. (*Micra.*) *bisulcatus*, *Tox.* (*L.*) *guadeloupensis*, *W.* (*W.*) *grayii*.

62. St. Anthony, South Soufriere Hills, 2.5 km SE of Galways Soufriere (NP8945), 350 m; 12 Oct 66, GM. Epiphytic bromeliad (*Vriesea*) in forest; at 2.5 m above ground; deep shade.

Cor. sp 21, *W.* (*W.*) *grayii*.

63. St. Anthony, South Soufriere Hills, 2.5 km E of Galways Soufriere (NP8946), 400 m; 12 Oct 66, GM. Cut bamboo in forest; at 2 m above ground; water turbid, foul; some scum; bottom with organic matter; deep shade. *Ae.* (*H.*) *busckii*, *Cor.* sp 22.

64. St. Anthony, South Soufriere Hills, 2.5 km E of Galways Soufriere (NP8946), 400 m; 12 Oct 66, GM. Stream pool in forest; water permanent, clear, stagnant, fresh; some grassy and woody vegetation; bottom with sand, gravel and dead plant matter; deep shade. *Cu.* (*Mel.*) *madininiensis*.

65. St. Anthony, South Soufriere Hills, 2.5 km E of Galways Soufriere (NP8946), 400 m; 12 Oct 66, GM. Stream margin in forest; water permanent, clear, stagnant, fresh; some scum and herbaceous and woody vegetation; bottom with sand, gravel, rock and organic matter; deep shade. *Cu.* (*Mel.*) *madininiensis*.

66. St. Anthony, South Soufriere Hills, 2 km E of Galways Soufriere (NP8946), 350 m; 12 Oct 66, GM. Cut bamboo in forest; at 0.6 m above ground; water turbid, foul; some scum; bottom with organic matter; deep shade. *Ae.* (*H.*) *busckii*.

67. St. Anthony, South Soufriere Hills, 2 km E of Galways Soufriere (NP8946), 350 m; 12 Oct 66, GM. Cut bamboo in forest; at 2.5 m above ground; water clear; some scum; bottom with dead plant matter; partial shade. *Ae.* (*H.*) *busckii*.

68. St. Anthony, Long Ground Village, Roches Estate (NP8946), 250 m; 12 Oct 66, GM. Large ground pool in plantation; water semipermanent, turbid, stagnant, fresh; some scum and grassy and herbaceous vegetation; bottom with mud and dead plant matter; partial shade. *Cu.* (*Cu.*) *declarator*.

69. St. Anthony, South Soufriere Hills, 2 km E of Galways Soufriere (NP8946), 300 m; 12 Oct 66, GM. Adults biting-landing on man in forest; at 1500 hrs; deep shade. *W.* (*W.*) *grayii*.

70. St. Anthony, Plymouth, Parsons Estate (NP8447), 150 m; 13 Oct 66, GM. Artificial container (tin can) in plantation; water brown; some scum; bottom with organic matter; partial shade. *Cu.* (*Cu.*) *quinquefasciatus*.

71. St. Anthony, Plymouth, Parsons Estate (NP8447), 150 m; 13 Oct 66, GM. Large artificial container (steel drum) at edge of plantation; water temporary, turbid; some scum; bottom with organic matter; deep shade. *Cu.* (*Cu.*) *quinquefasciatus*.

72. St. Anthony, Plymouth, Parsons Estate (NP8447), 150 m; 13 Oct 66, GM. Small artificial container (tin can) in plantation; water greenish; some scum and algae; bottom with dead plant matter; deep shade. *Ae.* (*H.*) *busckii*.

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73. St. Anthony, Plymouth, Parsons Estate (NP8447), 150 m; 13 Oct 66, GM. Blocked stream at edge of plantation; water semipermanent, clear, stagnant, fresh; some scum and herbaceous vegetation; bottom with gravel and rock; deep shade. *Cu. (Cu.) quinquefasciatus*, *Cu. (Mel.) madininensis*.
74. St. Anthony, Plymouth, Parsons Estate (NP8447), 150 m; 13 Oct 66, GM. Large artificial container (steel drum) in plantation; water temporary, rusty; no vegetation; deep shade. *Cu. (Cu.) quinquefasciatus*.
75. St. Anthony, Plymouth, Parsons Estate (NP8447), 150 m; 13 Oct 66, GM. Stream pool in plantation; water temporary, clear, stagnant, fresh; some scum and grassy vegetation; bottom with gravel, rock and dead plant matter; deep shade. *Cu. (Cu.) quinquefasciatus*, *Cu. (Mel.) madininensis*.
76. St. Anthony, Plymouth, Parsons Estate (NP8447), 150 m; 13 Oct 66, GM. Adults resting on walls of storeroom; at 1300 hrs; deep shade. *Cu. (Cu.) quinquefasciatus*.
77. St. Anthony, Plymouth, Elberton Estate, Sand Ghaut (NP8248), 30 m; 13 Oct 66, GM. Stream pool in clearing; water semipermanent, turbid, stagnant, fresh; some scum and woody vegetation; bottom with gravel, rock and organic matter; partial shade. *Cu. (Cu.) habilitator*, *Cu. (Cu.) quinquefasciatus*.
78. St. Anthony, Plymouth, Elberton Estate, Sand Ghaut (NP8248), 30 m; 13-14 Oct 66, GM. Chamberlain Light Trap at edge of stream; at 1.2 m above ground; overnight to 0700 hrs. *Ae. (O.) tortilis*, *Ps. (G.)* sp near *cingulata*.
79. St. Anthony, Plymouth, 100 m E of Richmond Estate (NP8348), 50 m; 15 Oct 66, GM. Stream pool; water temporary, turbid, stagnant, fresh; some scum; bottom with sand and gravel; deep shade. *Cu. (Cu.) quinquefasciatus*.
80. St. Anthony, Plymouth, 100 m E of Richmond Estate (NP8348), 50 m; 15 Oct 66, GM. Adults resting under leaves and rocks at edge of stream (same site as MNT 79); at 1300 hrs; deep shade. *Ae. (O.) tortilis*, *Cu. (Cu.) habilitator*, *Cu. (Cu.) quinquefasciatus*.
81. St. Anthony, Cork Hill Village, Delvins Village, Sand Ghaut (NP8249), 40 m; 15 Oct 66, GM. Blocked stream in clearing; water temporary, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with gravel; partial shade. *An. (N.) albimanus*.
82. St. Anthony, Plymouth, 100 m E of Foxs Bay (NP8149), near sea level; 15 Oct 66, GM. Adults resting under leaves at edge of mangrove swamp; at 1430 hrs; deep shade. *Cu. (Cu.) habilitator*, *Cu. (Mel.) atratus*.
83. St. Anthony, Plymouth, 50 m E of Foxs Bay (NP8149), near sea level; 15 Oct 66, GM. Adults resting in crabholes at edge of mangrove swamp; at 1500 hrs; partial shade. *Cu. (Cu.) habilitator*, *D. magnus*.
84. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 15 Oct 66, GM. Large crab-hole at edge of mangrove swamp; water turbid; some scum; bottom with sand; partial shade. *An. (N.) albimanus*, *Cu. (Cu.) habilitator*, *D. magnus*.
85. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 15 Oct 66, GM. Mangrove swamp margin; water permanent, wine-colored, stagnant, fresh; abundant grassy, herbaceous and woody vegetation; bottom with mud, sand and dead plant matter; partial shade. *Cu. (Cu.) habilitator*, *Cu. (Cu.) nigripalpus*.
86. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 15 Oct 66, GM. Large crab-hole in mangrove swamp; water turbid, fresh; some scum; bottom with sand and dead plant matter; deep shade. *Cu. (Cu.) habilitator*.

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87. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 15 Oct 66, GM. Large crab-hole in mangrove swamp; water turbid, fresh; some scum; bottom with sand and organic matter; deep shade. *Cu. (Cu.) habilitator*, *D. magnus*.

88. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 15 Oct 66, GM. Mangrove swamp interior; water permanent, turbid, stagnant, fresh; abundant scum and grassy, herbaceous and woody vegetation; bottom with mud and organic matter; partial shade. *An. (N.) albimanus*, *Cu. (Mel.) atratus*.

89. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 15 Oct 66, GM. Large crab-hole at edge of mangrove swamp; water turbid, fresh; some scum; bottom with sand; deep shade. *Cu. (Cu.) habilitator*, *D. magnus*.

90. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 15 Oct 66, GM. Large crab-hole in mangrove swamp; water turbid, fresh; some scum; bottom with sand; deep shade. *Cu. (Cu.) habilitator*, *D. magnus*.

91. St. Anthony, Plymouth, 200 m NE of Foxs Bay (NP8149), near sea level; 16 Oct 66, GM. Adults resting under leaves at edge of mangrove swamp; at 1355 hrs; deep shade. *Cu. (Cu.) ?habilitator*, *Cu. (Mel.) atratus*.

92. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 16 Oct 66, GM. Large crab-hole in mangrove swamp; water turbid, fresh, foul; some scum; bottom with mud, sand and organic matter; deep shade. *Cu. (Cu.) habilitator*.

93. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 16 Oct 66, GM. Mangrove swamp margin; water permanent, turbid, stagnant, fresh; abundant scum and grassy, herbaceous and woody vegetation; bottom with mud, sand and organic matter; deep shade. *An. (N.) albimanus*, *An. (N.) aquasalis*, *Cu. (Mel.) atratus*.

94. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 16 Oct 66, GM. Small ground pool at edge of mangrove swamp; water temporary, turbid, stagnant, fresh; some scum and woody vegetation; bottom with mud, sand and organic matter; partial shade. *Cu. (Cu.) habilitator*.

95. St. Anthony, Plymouth, Foxs Bay (NP8149), near sea level; 16 Oct 66, GM. Large crab-hole in mangrove swamp; water turbid, fresh; some scum; bottom with mud, sand and organic matter; deep shade. *Cu. (Cu.) habilitator*.

96. St. Peter, Davy Hill Village, Carrs Bay (NP8457), near sea level; 17 Oct 66, GM. Large ground pool in clearing near stream; water temporary, turbid, stagnant, brackish; some scum and herbaceous vegetation; bottom with sand, rock and organic matter; full sun. *Cu. (Cu.) nigripalpus*.

97. St. Peter, Davy Hill Village, Carrs Bay (NP8457), near sea level; 17 Oct 66, GM. Small ground pool in clearing near sea; water temporary, turbid, stagnant, brackish; some scum and herbaceous vegetation; bottom with sand, gravel, rock and organic matter; partial shade. *Cu. (Cu.) nigripalpus*.

98. St. Peter, S end of St. Johns Village (NP8655), 200 m; 17 Oct 66, GM. Stream pool in plantation; water semipermanent, turbid, stagnant, fresh; some scum and herbaceous vegetation; bottom with gravel, rock and organic matter; deep shade. *Cu. (Cu.) quinquefasciatus*, *Cu. (Mel.) madininensis*.

99. St. Peter, S end of St. Johns Village (NP8655), 200 m; 17 Oct 66, GM. Fallen fruit ("calabash") in plantation; water brown, slimy; abundant scum; bottom with dead plant matter; deep shade. *Cu. (Cu.) declarator*, *Cu. (Cu.) quinquefasciatus*.

100. St. Peter, S end of St. Johns Village (NP8655), 200 m; 17 Oct 66, GM. Fallen fruit ("calabash") in plantation; water yellow, foul; some scum; partial shade. *Cu. (Cu.) declarator*,

MNT Collection Records

Cu. (Cu.) quinquefasciatus.

101. St. Peter, S end of St. Johns Village (NP8655), 200 m; 17 Oct 66, GM. Stream pool in plantation; water semipermanent, clear, stagnant, fresh; some scum and herbaceous vegetation; bottom with gravel, rock and organic matter; deep shade. *Ae. (O.) tortilis*, *Cu. (Cu.) declarator*, *Cu. (Cu.) quinquefasciatus*.

102. St. Peter, S end of St. Johns Village (NP8655), 200 m; 17 Oct 66, GM. Adults resting at edge of stream in plantation (same site as MNT 101); at 1600 hrs; deep shade. *Cu. (Cu.) quinquefasciatus*.

103. St. Peter, E side of St. Johns Village (NP8655), 200 m; 17 Oct 66, GM. Blocked stream; water semipermanent, turbid, stagnant, fresh; some scum; bottom with gravel, rock and organic matter; deep shade. *Cu. (Cu.) declarator*, *Cu. (Cu.) quinquefasciatus*, *Cu. (Mel.) madininensis*.

104. St. Peter, E side of St. Johns Village (NP8655), 200 m; 17 Oct 66, GM. Stream pool in cultivated area; water semipermanent, turbid, stagnant, fresh; some scum and herbaceous and woody vegetation; bottom with gravel, rock and dead plant matter; partial shade. *Ae. (O.) tortilis*, *Cu. (Cu.) quinquefasciatus*.

105. St. Peter, E side of St. Johns Village (NP8655), 150 m; 17 Oct 66, GM. Stream pool; water semipermanent, clear, stagnant, fresh; some scum and grassy vegetation; bottom with gravel and rock; deep shade. *Ae. (O.) tortilis*, *Cu. (Cu.) quinquefasciatus*, *Cu. (Mel.) madininensis*.

106. St. Peter, St. Johns Village, Lookout Estate (NP8655), 100 m; 17 Oct 66, GM. Stream pool; water semipermanent, clear, stagnant, fresh; no vegetation; bottom with gravel and rock; deep shade. *Cu. (Mel.) madininensis*.

107. St. Peter, St. Johns Village, Lookout Estate (NP8655), 150 m; 17 Oct 66, GM. Large artificial container (water tank) in cultivated area; water permanent, turbid, fresh; some scum; bottom with organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

108. St. Peter, St. Johns Village, Gerald's Village (NP8556), 150 m; 17 Oct 66, GM. Ditch in domestic area; water permanent, turbid, stagnant, fresh; some scum and woody vegetation; bottom with gravel; deep shade. *Cu. (Cu.) quinquefasciatus*.

109. St. Peter, St. Johns Village, NE of Gerald's Village (NP8657), 150 m; 17 Oct 66, GM. Stream pool in cultivated area; water temporary, turbid, stagnant, fresh; some scum and herbaceous vegetation; bottom with gravel and rock; partial shade. *Ae. (O.) tortilis*.

110. St. Peter, St. Johns Village, NE of Gerald's Village (NP8657), 150 m; 17 Oct 66, GM. Pond in grazing area; water permanent, brown, stagnant, fresh; abundant flotsam, scum and grassy vegetation; bottom with mud and organic matter; full sun. *Cu. (Cu.) quinquefasciatus*.

111. St. Peter, St. Johns Village, Sweeney's (NP8556), 150 m; 17 Oct 66, GM. Large artificial container (tire) in domestic area; water turbid; deep shade. *Cu. (Cu.) quinquefasciatus*.

112. St. Peter, St. Johns Village, Sweeney's (NP8556), 100 m; 17 Oct 66, GM. Blocked stream; water permanent, turbid, stagnant, fresh; some scum and woody vegetation; bottom with mud and gravel; partial shade. *Ae. (O.) tortilis*, *Cu. (Cu.) quinquefasciatus*.

113. St. Peter, St. Johns Village, Sweeney's (NP8556), 100 m; 17 Oct 66, GM. Stream pool in cultivated area; water semipermanent, turbid, stagnant, fresh; some scum and woody vegetation; bottom with mud, gravel, rock and organic matter; partial shade. *Ae. (O.) tortilis*, *Cu. (Cu.) quinquefasciatus*, *Ps. (G.) sp. near cingulata*.

114. St. Peter, St. Peter's Village, Fogarty Village (NP8454), 100 m; 17 Oct 66, GM. Epiphytic bromeliad (*Tillandsia utriculata*) in forest; at 4.5 m above ground; deep shade. *Cu. (Micra.) bisulcatus*.

MNT Collection Records

115. St. Peter, St. Peters Village, Woodlands Estate (NP8353), 100 m; 17 Oct 66, GM. Terrestrial bromeliad (*Billbergia pyramidalis*) in plantation; partial shade. *Cu. (Micra.) bisulcatus*.

116. St. Peter, St. Peters Village, Woodlands Estate (NP8353), 100 m; 17 Oct 66, GM. Epiphytic bromeliad (*Tillandsia utriculata*) in plantation; at 3 m above ground; deep shade. *Cu. (Micra.) bisulcatus*.

117. St. Peter, Happy Hill Village, Waterwork Estate (NP8350), 150 m; 18 Oct 66, GM. Animal tracks in grazing area; water turbid, foul; some scum and grassy and herbaceous vegetation; bottom with animal waste; full sun. *An. (N.) argyritarsis*.

118. St. Peter, Happy Hill Village, Waterwork Estate (NP8350), 150 m; 18 Oct 66, GM. Large treehole in plantation-domestic area; at 2 m above ground; water brown, foul; some scum; bottom with dead plant matter; deep shade. *Ae. (H.) busckii*, *Cu. (Cu.) declarator*, *Cu. (Cu.) quinquefasciatus*.

119. St. Peter, Happy Hill Village, Waterwork Estate (NP8350), 100 m; 18 Oct 66, GM. Large ground pool in grazing area; water temporary, turbid, stagnant, fresh; abundant scum and grassy vegetation; bottom with mud and dead plant matter; full sun. *Ps. (G.)* sp near *cingulata*.

120. St. Peter, Happy Hill Village, Waterwork Estate (NP8350), 150 m; 18 Oct 66, GM. Blocked stream in forest; water semipermanent, turbid, stagnant, fresh; abundant flotsam, scum and herbaceous vegetation; bottom with mud, gravel and organic matter; deep shade. *Cu. (Mel.) madininensis*.

121. St. Peter, Happy Hill Village, Waterwork Estate (NP8350), 150 m; 18 Oct 66, GM. Stream pool in forest; water permanent, turbid, stagnant, fresh; some scum and herbaceous vegetation; bottom with sand, rock and dead leaves; partial shade. *Cu. (Mel.) madininensis*.

122. St. Peter, Happy Hill Village, Waterwork Estate (NP8350), 150 m; 18 Oct 66, GM. Adults resting on rocks at edge of stream in forest; at 1400 hrs; deep shade. *Cu. (Mel.) madininensis*.

123. St. Peter, Happy Hill Village, Waterwork Estate (NP8350), 100 m; 18 Oct 66, GM. Epiphytic bromeliad (*Tillandsia utriculata*) in forest; at 2.5 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.

124. St. Georges, Farm Village, Blackburne Airfield (NP8952), near sea level; 20 Oct 66, GM. Small ground pool in grazing area; water semipermanent, turbid, stagnant, fresh; abundant scum and grassy, herbaceous and woody vegetation; bottom with mud and organic matter; full sun. *Cu. (Cu.) quinquefasciatus*.

125. St. Georges, Farm Village, Blackburne Airfield (NP8952), near sea level; 20 Oct 66, GM. Large ground pool in grazing area; water semipermanent, turbid, stagnant, fresh; abundant grassy and herbaceous vegetation; bottom with mud and organic matter; full sun. *Cu. (Cu.) declarator*, *Cu. (Cu.) quinquefasciatus*.

126. St. Georges, Farm Village, Blackburne Airfield (NP8952), near sea level; 20 Oct 66, GM. Pond near sea; water semipermanent, turbid, stagnant, brackish; abundant scum and grassy, herbaceous and woody vegetation; bottom with sand, gravel and organic matter; partial shade. *Ae. (O.) taeniorhynchus*.

127. St. Georges, Farm Village, Blackburne Airfield (NP8952), near sea level; 20 Oct 66, GM. Large ground pool near sea; water semipermanent, turbid, stagnant, brackish; some scum and grassy and woody vegetation; bottom with sand, rock and dead plant matter; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

128. St. Georges, Farm Village, Blackburne Airfield (NP8952), near sea level; 20 Oct 66, GM. Adults resting under leaves; at 1400 hrs; partial shade. *Ae. (O.) taeniorhynchus*.

129. St. Georges, Farm Village, Trants Estate (NP8952), 10 m; 20 Oct 66, GM. Large artificial

MNT Collection Records

container (watering trough) in plantation; water semipermanent, green, stagnant, fresh, slimy; abundant scum, algae and herbaceous vegetation; bottom with animal waste matter; partial shade. *An. (N.) argyritarsis*, *Cu. (Cu.) quinquefasciatus*.

130. St. Georges, Farm Village, Farm Estate, Farm River (NP8952), 20 m; 20 Oct 66, GM. Stream pool; water semipermanent, turbid, stagnant, fresh; some scum, algae and herbaceous vegetation; bottom with sand, rock and organic matter; partial shade. *Cu. (Cu.) declarator*, *Cu. (Cu.) quinquefasciatus*.

131. St. Georges, Farm Village, Farm River (NP8952), 50 m; 20 Oct 66, GM. Stream pool; water semipermanent, turbid, stagnant, fresh; some algae and grassy vegetation; bottom with sand, gravel and rock; partial shade. *An. (N.) argyritarsis*.

132. St. Georges, Harris Village (NP8750), 250 m; 20 Oct 66, GM. Ditch at edge of domestic area; water semipermanent, brown, stagnant, fresh, foul; abundant scum and grassy and woody vegetation; bottom with mud and organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

133. St. Anthony, Plymouth, Coconut Hill Hotel (NP8346), 30 m; 21 Oct 66, GM. Small artificial container (tin can) in domestic area; water clear; some scum; bottom with organic matter; deep shade. *Ae. (S.) aegypti*.

134. St. Anthony, Plymouth, Coconut Hill Hotel (NP8346), 30 m; 22 Oct 66, GM. Adults resting on hotel room walls; at 0700 hrs; partial shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

MNT Locality Index

SAINT ANTHONY

Cork Hill Village (NP8349), 100 m.—12,13.

Delvins Village. Sand Ghaut (NP8249), 40 m.—81.

Elberton Estate. Sand Ghaut (NP8248), 30 m.—1,2,3,4,5,6,7,58,77,78. Not specified (NP8248), 50 m.—8.

Foxs Bay (NP8149), near sea level.—9,10,11,39,40,41,42,43,44,45,46,57,82,83,84,85,86,87, 88,89,90,91,92,93,94,95.

Iles Bay. Mouth of Belham River (NP8150), near sea level.—16.

O'Garra Estate. About 1 km E of estate (NP8743), 30 m.—56.

Parsons Estate (NP8447), 150 m.—70,71,72,73,74,75,76.

Plymouth. Coconut Hill Hotel (NP8346), 30 m.—133,134.

Richmond Estate (NP8248,8348), 20-50 m.—47,79,80.

Roches Estate (NP8946), 250 m.—68.

Soufriere Hills. Near top of Chance Mountains (NP8747), 800-850 m.—25,26,27,28,29,30,31, 32,33. Near Gages Lower Soufriere (NP8647), 350 m.—34,36,37. Near Gages Upper Soufriere (NP8647), 450 m.—38.

South Soufriere Hills. Between 0.8 and 2.5 km E of Galways Soufriere (NP8845,8945,8946), 300-500 m.—59,60,61,62,63,64,65,66,67,69.

Webbs Estate (NP8347), 40 m.—35.

SAINT GEORGES

Blackburne Airfield (NP8952), near sea level.—124,125,126,127,128.

Farm Estate. Farm River (NP8952), 20 m.—130.

Farm Village. Farm River (NP8952), 50 m.—131.

Harris Village (NP8750), 250 m.—132.

MNT Locality Index

Trants Estate (NP8952), 10 m.—129.

SAINT PETER

Carrs Bay (NP8457), near sea level.—96,97.

Fogarty Village (NP8454), 100 m.—114.

Frith Village (NP8351), 100 m.—23.

Geralds Village (NP8556,8657), 150 m.—108,109,110.

Happy Hill Village. Belham River Bridge (NP8250), 10 m.—14,15. About 1 km NE of Belham River Bridge (NP8351), 70 m.—17,18,19,20,21,22.

Lookout Estate (NP8655), 100-150 m.—106,107.

Old Road Estate. Near View Point Hotel (NP8151), 10 m.—48,49,50,51,52,53.

Oveston Estate (NP8251), 100 m.—24,54,55.

St. Johns Village. E side of village (NP8655), 150-200 m.—103,104,105. S end of village (NP8655), 200 m.—98,99,100,101,102.

Sweeneys (NP8556), 100-150 m.—111,112,113.

Waterwork Estate (NP8350), 100-150 m.—117,118,119,120,121,122,123.

Woodlands Estate (NP8353), 100 m.—115,116.

MNT Species Index

Aedes Howardina busckii (Coquillett, 1906).—20,22,25,27,28,29,36,38,60,63,66,67,72,118.

Aedes (Ochlerotatus) taeniorhynchus (Wiedemann, 1821).—43,46,52,126,127,128.

Aedes (Ochlerotatus) tortilis (Theobald, 1903).—1,3,4,5,7,78,80,101,104,105,109,112,113.

Aedes (Stegomyia) aegypti (Linnaeus, 1762).—35,133,134.

Anopheles (Nyssorhynchus) albimanus Wiedemann, 1820.—2,3,6,9,10,11,15,24,39,41,43,50,55,81,84,88,93.

Anopheles (Nyssorhynchus) aquasalis Curry, 1932.—39,93.

Anopheles (Nyssorhynchus) argyritarsis Robineau-Desvoidy, 1827.—2,4,14,15,55,117,129,131.

Corethrella sp 21.—59,62.

Corethrella sp 22.—63.

Culex (Culex) bahamensis Dyar and Knab, 1906.—127.

Culex (Culex) declarator Dyar and Knab, 1906.—6,15,54,55,68,99,100,101,103,118,125,130.

Culex (Culex) habilitator Dyar and Knab, 1906.—1,2,6,? 7,9,13,15,40,41,42,45,49,54,55,58,77,80,82,83,84,85,86,87,89,90,? 91,92,94,95.

Culex (Culex) nigripalpus Theobald, 1901.—9,10,40,41,45,48,? 51,54,58,85,96,97.

Culex (Culex) quinquefasciatus Say, 1823.—1,2,4,6,8,12,13,15,18,19,54,70,71,73,74,75,76,77,79,80,98,99,100,101,102,103,104,105,107,108,110,111,112,113,118,124,125,129,130,132,134.

Culex (Melanoconion) atratus Theobald, 1901.—9,10,11,39,45,82,88,91,93.

Culex (Melanoconion) madininensis Senevet, 1936.—9,18,19,45,64,65,73,75,98,103,105,106,120,121,122.

Culex (Micraedes) bisulcatus (Coquillett, 1906).—21,23,30,31,32,33,37,47,56,59,61,114,115,116,123.

Deinocerites magnus (Theobald, 1901).—16,44,45,53,57,83,84,87,89,90.

Psorophora (Grabhamia) sp near *cingulata* (Fabricius, 1805).—1,2,3,4,6,12,13,55,78,113,119.

Toxorhynchites (Lynchiella) guadeloupensis (Dyar and Knab, 1906).—30,33,61.

MNT Species Index

Toxorhynchites (Lynchiella) portoricensis (Roeder, 1885).—17.

Wyeomyia (Wyeomyia) grayii Theobald, 1901.—26,30,31,32,33,34,59,61,62,69.

NEVIS

Code: NVS

The collections from Nevis available to the project are identified by the following printed label: //NVS[handwritten 1-60]/Nevis 66-67/Mosq Mid Amer//. They were made on 22 Aug-10 Sept 1966 by Ambrose Guerra (G) and Raymond Martinez (M). The location of a collection was plotted on a map of the Leeward Islands, 1:25,000, series E848, sheet 3, but the grid coordinates were determined on map 1:250,000, series 1501, sheet NE 20-11.

NVS Collection Records

1. St. Thomas Lowland, Charlestown, Paris Pond (NP3995), near sea level; 22 Aug 66, M. Stream margin near sea; water permanent, clear, stagnant, brackish; some flottage and algae; bottom with sand and organic matter; full sun. *An. (N.) albimanus*.
2. St. Thomas Lowland, Charlestown, Paris Pond (NP3995), near sea level; 22 Aug 66, M. Stream margin near sea; water permanent, turbid, stagnant, brackish; abundant flottage and algae; bottom with mud, sand and organic matter; partial shade. *An. (N.) albimanus*.
3. St. Thomas Lowland, Charlestown, Paris Pond (NP3995), near sea level; 22 Aug 66, M. Large crabhole in grazing area near sea; water semipermanent, turbid, stagnant, brackish; no vegetation; bottom with mud and sand; partial shade. *Cu. (Cu.) habilitator*, *D. magnus*.
4. St. Thomas Lowland, Charlestown, Paris Pond (NP3995), near sea level; 22 Aug 66, M. Adults resting in crabhole at edge of Paris Pond; at 1020 hrs; partial shade. *D. magnus*.
5. St. Paul Charlestown, Charlestown, Boggs about 500 m E of Fort Charles (NP3994), near sea level; 22 Aug 66, M. Large artificial container (tire) in domestic area; water temporary, turbid, fresh; bottom with organic matter; deep shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.
6. St. Paul Charlestown, Charlestown, Boggs about 500 m E of Fort Charles (NP3994), near sea level; 22 Aug 66, M. Large artificial container (tire) in domestic area; water temporary, turbid, fresh. *Ae. (S.) aegypti*, *Cu. (Cu.) habilitator*.
7. St. Paul Charlestown, Charlestown, Boggs about 500 m E of Fort Charles (NP3994), near sea level; 22 Aug 66, M. Large crabhole at edge of cultivated area near sea; water semipermanent, turbid, brackish; no vegetation; bottom with sand; partial shade. *Cu. (Cu.) habilitator*.
8. St. John Figtree, Brown Pasture, Pond Hill (NP4493), 250 m; 22 Aug 66, M. Small ground pool in cultivation-domestic area; water temporary, turbid, stagnant, fresh; some herbaceous and woody vegetation; bottom with mud and dead plant matter; partial shade. *Ps. (G.) pygmaea*.
9. St. John Figtree, Brown Pasture, Pond Hill (NP4493); 250 m; 22 Aug 66, M. Large artificial container (steel drum) in domestic area; water temporary, clear, fresh; some scum; partial shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.
10. St. George Gingerland, Zetlands, Market Shop, Fountain Ghut (NP4594), 200 m; 22 Aug 66, M. Blocked stream in cultivated area; water semipermanent, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with rock and dead leaves; deep shade. *Cu. (Cu.) quinquefasciatus*.
11. St. George Gingerland, Webbs, Fothergills Estate, Business Ghut (NP4695), 170 m; 22 Aug 66, M. Blocked stream in cultivated area; water permanent, turbid, stagnant, fresh; some scum; bottom with gravel, rock and dead leaves; deep shade. *Cu. (Cu.) habilitator*, *Cu. (Cu.)*

NVS Collection Records

quinquefasciatus, *Cu. (Mel.) madininensis*.

12. St. George Gingerland, Webbs, Fothergills Estate, Business Ghut (NP4695), 170 m; 22 Aug 66, M. Adults resting in streamside rock cave at site of NVS 11; at 1500 hrs; deep shade.

Cu. (Mel.) madininensis.

13. St. Thomas Lowland, Cotton Ground, Cades Bay just below Cades Estate (NP4099), near sea level; 23 Aug 66, M. Stream margin in cultivated area near sea; water permanent, turbid, brackish; some algae and grassy vegetation; bottom with mud and dead plant matter; partial shade. *An. (N.) albimanus*.

14. St. Thomas Lowland, Cotton Ground (NP3998), near sea level; 23 Aug 66, M. Pond in plantation near sea; water permanent, turbid, stagnant, brackish; some scum, algae and grassy vegetation; bottom with mud, sand and dead plant matter; partial shade. *An. (N.) albimanus*.

15. St. Thomas Lowland, Cotton Ground, Nelson Spring (NP3998), near sea level; 23 Aug 66, M. Well in cultivated area; water permanent, turbid, stagnant, fresh, foul; abundant scum; bottom with decaying fruit; deep shade. *Cu. (Cu.) habilitator*, *Cu. (Cu.) quinquefasciatus*.

16. St. Thomas Lowland, Jessup, Vaughans (NP3997), near sea level; 23 Aug 66, M. Stream margin in cultivated area near sea; water permanent, turbid, stagnant, brackish, slimy; abundant scum, algae and grassy vegetation; bottom with mud, sand and dead plant matter; full sun. *An. (N.) albimanus*.

17. St. Thomas Lowland, Charlestown, Pinneys Estate, Shallow Ghut (NP3996), near sea level; 23 Aug 66, M. Stream pool near sea; water permanent, turbid, stagnant, brackish, slimy; abundant scum, algae and woody vegetation; bottom with mud and sand; full sun. *An. (N.) albimanus*.

18. St. George Gingerland, Zetlands, Stonyhill (NP4595), 250 m; 24 Aug 66, M. Blocked stream in plantation; water semipermanent, turbid, stagnant, fresh; some scum and algae; bottom with gravel, rock and dead leaves; partial shade. *Cu. (Mel.) madininensis*.

19. St. George Gingerland, Zetlands, near top of Nevis Peak (NP4496), 950 m; 24 Aug 66, M. Epiphytic bromeliad (*Vriesea*) in forest; at 2.5 m above ground; deep shade. *Cu. (Micra.) bisulcatus*.

20. St. George Gingerland, Zetlands, near top of Nevis Peak (NP4496), 950 m; 24 Aug 66, M. Epiphytic bromeliad (*Vriesea*) in forest; at 2 m above ground; deep shade. *Cu. (Micra.) bisulcatus*.

21. St. George Gingerland, Zetlands, upper E slopes of Nevis Peak (NP4496), 800 m; 24 Aug 66, M. Epiphytic bromeliad (*Glomeropitcairnia*) in forest; at 4 m above ground; deep shade. *Cu. (Micra.) bisulcatus*.

22. St. George Gingerland, Zetlands, upper E slopes of Nevis Peak (NP4496), 700 m; 24 Aug 66, M. Epiphytic bromeliad (*Guzmania*) in forest; at 2 m above ground; deep shade. *Cu. (Micra.) bisulcatus*.

23. St. George Gingerland, Zetlands, middle E slopes of Nevis Peak (NP4496), 450 m; 24 Aug 66, M. Spring at edge of forest; water permanent, clear, stagnant, fresh; some woody vegetation; bottom with mud, sand and dead leaves; deep shade. *Cu. (Mel.) madininensis*.

24. St. George Gingerland, Zetlands, middle E slopes of Nevis Peak (NP4496), 400 m; 24 Aug 66, M. Adults resting in rocks at edge of spring (same as NVS 23); at 1500 hrs; deep shade. *Cu. (Mel.) madininensis*.

25. St. George Gingerland, Zetlands, middle E slopes of Nevis Peak (NP4595), 350 m; 24 Aug 66, M. Spring in forest; water permanent, clear, stagnant, fresh; abundant scum and herbaceous and woody vegetation; bottom with sand, gravel and dead leaves; deep shade. *Cu. (Mel.) madininensis*.

26. St. James Windward, Newcastle, Round Hill Estate (NQ4201), 10 m; 25 Aug 66, M. Adults resting in streamside rocks at site of NVS 27; at 1100 hrs; deep shade. *Cu. (Cu.) habilitator*.

NVS Collection Records

27. St. James Windward, Newcastle, Round Hill Estate (NQ4201), 10 m; 25 Aug 66, M. Blocked stream at edge of plantation; water semipermanent, turbid, stagnant, fresh; some scum and algae; bottom with gravel, rock, dead leaves and twigs; deep shade. *An. (N.) albimanus*, *Cu. (Cu.) habilitator*.
28. St. James Windward, Newcastle, Round Hill Estate (NQ4201), 10 m; 25 Aug 66, M. Stream pool in cultivated area; water permanent, clear, stagnant, fresh; some scum and algae; bottom with rock and dead leaves; partial shade. *Cu. (Cu.) habilitator*.
29. St. George Gingerland, Webbs, Fothergills Estate, Business Ghut (NP4695), 170 m; 25 Aug 66, M. Adults resting on streamside rocks; at 1200 hrs; deep shade. *Cu. (Cu.) quinquefasciatus*, *Cu. (Mel.) madininensis*.
30. St. George Gingerland, Webbs, Fothergills Estate, Business Ghut (NP4695), 170 m; 25 Aug 66, M. Stream pool in cultivated area; water permanent, turbid, stagnant, fresh; some scum; bottom with sand, rock and dead leaves; deep shade. *Cu. (Cu.) quinquefasciatus*, *Cu. (Mel.) madininensis*.
31. St. George Gingerland, Webbs, Fothergills Estate, Business Ghut (NP4695), 170 m; 25 Aug 66, M. Blocked stream in cultivated area; water semipermanent, turbid, stagnant, fresh; no vegetation; bottom with gravel, rock, dead leaves and twigs; deep shade. *Cu. (Cu.) quinquefasciatus*, *Cu. (Mel.) madininensis*.
32. St. Thomas Lowland, Charlestown, Paris Pond (NP3995), near sea level; 24-25 Aug 66, M. Chamberlain light trap near saltmarsh and sea; at 1.2 m above ground; overnight to 0800 hrs; partial shade. *D. magnus*.
33. St. Thomas Lowland, Charlestown, N of Paris Pond (NP3995), near sea level; 25 Aug 66, M. Adults resting in large crabhole in cultivated area near sea; at 1000 hrs; partial shade. *D. magnus*.
34. St. Thomas Lowland, Charlestown, Pinneys Estate (NP3996), near sea level; 26-27 Aug 66, M. Chamberlain light trap in cultivated area near sea; at 1.5 m above ground; overnight to 0700 hrs; partial shade. *D. magnus*.
35. St. Paul Charlestown, Charlestown, Austin Hotel (NP3994), near sea level; 27 Aug 66, M. Adults resting on walls in hotel; at 0.6 m above ground; at 0900 hrs. *Ae. (S.) aegypti*.
36. St. Paul Charlestown, Charlestown, Boggs near Fort Charles (NP3994), near sea level; 27 Aug 66, M. Adults resting in large crabhole in cultivated area near sea; at 1500 hrs; deep shade. *Cu. (Cu.) habilitator*, *D. magnus*.
37. St. Paul Charlestown, Charlestown, Austin Hotel (NP3994), near sea level; 8 Sept 66, GM. Large artificial container (wash basin) in domestic area; water clear; partial shade. *Ae. (S.) aegypti*.
38. St. George Gingerland, Zetlands, middle slopes of Nevis Peak 0.5 km N of Zetlands (NP4495), 450 m; 8 Sept 66, GM. Spring in forest; water permanent, clear, stagnant, fresh; some herbaceous vegetation; bottom with mud, rock and dead leaves; deep shade. *Cu. (Mel.) madininensis*.
39. St. George Gingerland, Zetlands, upper E slopes of Nevis Peak (NP4496), 800 m; 8 Sept 66, GM. Epiphytic bromeliad (*Vriesea*) in forest; at 5 m above ground; deep shade. *Cu. (Micra.) bisulcatus*.
40. St. George Gingerland, Zetlands, upper E slopes of Nevis Peak (NP4496), 850 m; 8 Sept 66, GM. Epiphytic bromeliad (? *Vriesea*) in forest; at 2 m above ground; deep shade. *Cu. (Micra.) bisulcatus*.
41. St. George Gingerland, Zetlands, upper E slopes of Nevis Peak (NP4496), 800 m; 8 Sept 66, GM. Epiphytic bromeliad (? *Guzmania*) in forest; at 4 m above ground; deep shade. *Cu.*

NVS Collection Records

(*Micra.*) *bisulcatus*.

42. St. George Gingerland, Zetlands, upper E slopes of Nevis Peak (NP4496), 900 m; 8 Sept 66, GM. Epiphytic bromeliad (*Glomeropitcairnia*) in forest; at 6 m above ground; partial shade.

Cu. (Micra.) bisulcatus.

43. St. James Windward, Newcastle, 100 m N of Newcastle Airport (NQ4202), near sea level; 9 Sept 66, GM. Stream pool near sea; water semipermanent, clear, stagnant, brackish; some scum and algae; bottom with sand, rock and dead plant matter; partial shade. *Ae. (O.) taeniorhynchus*.

44. St. James Windward, Newcastle, 150 m N of Newcastle Airport (NQ4202), near sea level; 9 Sept 66, GM. Stream margin near sea; water semipermanent, clear, stagnant, brackish; some scum and algae; bottom with sand and rock; full sun. *Ae. (O.) taeniorhynchus*.

45. St. James Windward, Newcastle, 100 m N of Newcastle Airport (NQ4202), near sea level; 9 Sept 66, GM. Blocked stream near sea; water semipermanent, turbid, stagnant, brackish; some scum and grassy vegetation; bottom with sand and gravel; partial shade. *Ae. (O.) taeniorhynchus*.

46. St. Thomas Lowland, Charlestown, Paris Pond (NP3995), near sea level; 9 Sept 66, GM. Salt pond near sea; water permanent, clear, stagnant, brackish; some scum, algae and grassy vegetation; bottom with mud and sand; partial shade. *An. (N.) albimanus*.

47. St. Thomas Lowland, Charlestown, Pinneys Estate, Shallow Ghut (NP3996), near sea level; 9 Sept 66, GM. Large ground pool in cultivated area near sea; water semipermanent, turbid, stagnant, brackish; some scum and grassy vegetation; bottom with mud, sand and organic matter; partial shade. *An. (N.) albimanus*, *Cu. (Cu.) habilitator*.

48. St. Thomas Lowland, Charlestown, Pinneys Estate, Shallow Ghut (NP3996), near sea level; 9 Sept 66, GM. Small ground pool in plantation near sea; water temporary, turbid, stagnant, brackish; some grassy and herbaceous vegetation; bottom with mud, sand and organic matter; partial shade. *An. (N.) albimanus*, *Cu. (Cu.) habilitator*.

49. St. Thomas Lowland, Charlestown, Pinneys Estate (NP3996), near sea level; 9 Sept 66, GM. Small crabhole in cultivated area near sea; water semipermanent, turbid, brackish; bottom with mud and sand; deep shade. *Cu. (Cu.) habilitator*, *D. magnus*.

50. St. Thomas Lowland, Charlestown, Pinneys Estate (NP3996), near sea level; 9 Sept 66, GM. Small crabhole in cultivated area near sea; water semipermanent, turbid, brackish; bottom with mud and sand; partial shade. *Cu. (Cu.) habilitator*, *D. magnus*.

51. St. George Gingerland, Webbs, Fothergills Estate, Business Ghut (NP4695), 150 m; 10 Sept 66, GM. Stream pool in plantation; water semipermanent, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with mud, sand and dead plant matter; deep shade. *Cu. (Mel.) madininensis*.

52. St. George Gingerland, Webbs, Fothergills Estate, Business Ghut (NP4695), 150 m; 10 Sept 66, GM. Blocked stream in plantation; water semipermanent, clear, stagnant, fresh; no vegetation; bottom with mud and gravel; deep shade. *Cu. (Mel.) madininensis*.

53. St. George Gingerland, Webbs, Fothergills Estate, Business Ghut (NP4695), 150 m; 10 Sept 66, GM. Stream pool in plantation; water semipermanent, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with mud, gravel and dead plant matter; deep shade. *Cu. (Mel.) madininensis*.

54. St. George Gingerland, Webbs, Fothergills Estate, Business Ghut (NP4695), 150 m; 10 Sept 66, GM. Adults resting on rocks at edge of stream pool (same site as NVS 53) in plantation; at 1500 hrs; deep shade. *Cu. (Mel.) madininensis*.

55. St. John Figtree, Bath, Bath Plain Estate, Sulphur Ghut (NP3993), near sea level; 10 Sept

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66, GM. Large ground pool in clearing near sea; water temporary, turbid, stagnant, brackish; some scum; bottom with mud, sand and organic matter; partial shade. *Ae. (O.) taeniorhynchus*, *Ps. (G.) pygmaea*.

56. St. John Figtree, Bath, Bath Plain Estate, Sulphur Ghut (NP3993), near sea level; 10 Sept 66, GM. Large ground pool in clearing near sea; water temporary, turbid, stagnant, brackish; some scum; bottom with mud, sand and organic matter; partial shade. *Ae. (O.) taeniorhynchus*, *Ps. (G.) pygmaea*.

57. St. John Figtree, Bath, Bath Plain Estate, Sulphur Ghut (NP3993), 10 m; 10 Sept 66, GM. Small ground pool in grazing-plantation area; water temporary, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with mud, gravel and dead plant matter; full sun. *Ae. (O.) taeniorhynchus*, *Ps. (G.) pygmaea*.

58. St. Paul Charlestown, Charlestown, Boggs 500 m NE of Fort Charles (NP3994), near sea level; 10 Sept 66, GM. Large crabhole in cultivated area; water semipermanent, turbid, brackish; some scum; bottom with mud and sand; partial shade. *Cu. (Cu.) habilitator*, *D. magnus*.

59. St. Paul Charlestown, Charlestown, Boggs 500 m NE of Fort Charles (NP3994), near sea level; 10 Sept 66, GM. Small crabhole in cultivated area; water semipermanent, turbid, brackish; some scum; bottom with mud and sand; partial shade. *Cu. (Cu.) habilitator*.

60. St. Paul Charlestown, Charlestown, Boggs 500 m NE of Fort Charles (NP3994), near sea level; 10 Sept 66, GM. Adults resting in crabhole (same site as NVS 59) in cultivated area; at 1700 hrs; partial shade. *Cu. (Cu.) habilitator*, *D. magnus*.

NVS Locality Index

SAINT GEORGE GINGERLAND

Fothergills Estate. Business Ghut (NP4695), 150-170 m.—11,12,29,30,31,51,52,53,54.

Market Shop. Fountain Ghut (NP4594), 200 m.—10.

Nevis Peak. From middle slopes on E side to near top (NP4495,4496,4595), 350-950 m.—19,20,21,22,23,24,25,38,39,40,41,42.

Stonyhill (NP4595), 250 m.—18.

SAINT JAMES WINDWARD

Newcastle Airport. 100-150 m N of airport (NQ4202), near sea level.—43,44,45.

Round Hill Estate (NQ4201), 10 m.—26,27,28.

SAINT JOHN FIGTREE

Bath Plain Estate. Sulphur Ghut (NP3993), near sea level.—55,56,57.

Pond Hill (NP4493), 250 m.—8,9.

SAINT PAUL CHARLESTOWN

Boggs. Near Fort Charles (NP3994), near sea level.—5,6,7,36,58,59,60.

Charlestown. Austin Hotel (NP3994), near sea level.—35,37.

SAINT THOMAS LOWLAND

Cades Bay. Just below Cades Estate (NP4099), near sea level.—13.

Cotton Ground (NP3998), near sea level.—14,15.

Paris Pond (NP3995), near sea level.—1,2,3,4,32,33,46.

Pinneys Estate (NP3996), near sea level.—17,34,47,48,49,50.

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Vaughans (NP3997), near sea level.—16.

NVS Species Index

Aedes (Ochlerotatus) taeniorhynchus (Wiedemann, 1821).—43,44,45,55,56,57.

Aedes (Stegomyia) aegypti (Linnaeus, 1762).—5,6,9,35,37.

Anopheles (Nyssorhynchus) albimanus Wiedemann, 1820.—1,2,13,14,16,17,27,46,47,48.

Culex (Culex) habilitator Dyar and Knab, 1906.—3,6,7,11,15,26,27,28,36,47,48,49,50,58,59,60.

Culex (Culex) quinquefasciatus Say, 1823.—5,9,10,11,15,29,30,31.

Culex (Melanoconion) madininensis Senevet, 1936.—11,12,18,23,24,25,29,30,31,38,51,52,53,54.

Culex (Micraedes) bisulcatus (Coquillett, 1906).—19,20,21,22,39,40,41,42.

Deinocerites magnus (Theobald, 1901).—3,4,32,33,34,36,49,50,58,60.

Psorophora (Grabhamia) pygmaea (Theobald, 1903).—8,55,56,57.

SAINT KITTS (ST. CHRISTOPHER) CODE: KIT

The collections from St. Kitts available to the project are identified by the following printed label: //KIT[handwritten 1-94]/St. Kitts 66-67/Mosq Mid Amer//. They were made on 15 Aug-5 Sept 1966 by T. H. G. Aitken (A) and/or Ambrose Guerra (G) and Raymond Martinez (M). The location of a collection was plotted on a map of the Leeward Islands, 1:25,000, series E848, sheet 2, but the grid coordinates were determined on map 1:250,000, series 1501, sheet NE 20-11.

KIT Collection Records

1. St. George Basseterre, Basseterre, Pond Pasture (NQ3012), near sea level; 15 Aug 66, AGM. Spring in cultivated area; water permanent, clear, stagnant, brackish; no vegetation; bottom with sand; partial shade. *Cu. (Cu.) quinquefasciatus*.

2. St. George Basseterre, Basseterre, Pond Pasture (NQ3012), near sea level; 15 Aug 66, AGM. Adults taken resting in 2 50 gal. drums; at 1430 hrs. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) quinquefasciatus*.

3. St. George Basseterre, Basseterre, Pond Pasture (NQ3012), near sea level; 15 Aug 66, AGM. Small ground pool; water temporary, muddy, stagnant, fresh; abundant grassy and floating vegetation; bottom with sand and dead plant and animal matter. *Ae. (O.) taeniorhynchus*.

4. St. George Basseterre, Basseterre, Pond Pasture (NQ3012), near sea level; 15 Aug 66, AGM. Spring in cultivated area; water permanent, clear, stagnant, brackish; no vegetation; bottom with sand; full sun. *Ae. (O.) taeniorhynchus*.

5. St. George Basseterre, Basseterre, Bird Rock, 1.5 km SE of Basseterre (NQ3111), 30 m; 15 Aug 66, AGM. Large artificial containers (water drums); water clear, fresh; no vegetation; full sun. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

6. St. Peter Basseterre, Basseterre, North Frigate Bay (NQ3311), near sea level; 15 Aug 66, AGM. Adults biting-landing on man in dry mangrove swamp; at 1600 hrs; deep shade. *Ae. (O.) taeniorhynchus*.

7. St. George Basseterre, Basseterre, Frigate Bay Estate (NQ3311), near sea level; 15 Aug 66, AGM. Pond in grazing area; water semipermanent, clear, stagnant, brackish-salty; bottom with

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mud and algae. *Ae. (O.) taeniorhynchus*.

8. St. Peter Basseterre, Conaree, Conaree Swamp, N end of Half Moon Pond (NQ3214), near sea level; 16 Aug 66, AGM. Marshy depression in garbage dump in saltmarsh-grazing area; water semipermanent, reddish, stagnant, brackish, fermenting; abundant flotage, scum, algae and grassy vegetation; bottom with mud and decaying plants; full sun. *Ae. (O.) taeniorhynchus*, *Ps. (G.) pygmaea*.

9. St. Peter Basseterre, Conaree, Conaree Swamp, N end of Half Moon Pond (NQ3214), near sea level; 16 Aug 66, AGM. Artificial container (1.5 cu ft tin) in garbage dump in saltmarsh-grazing area; water rusty, fresh; mud on bottom; full sun. *Ae. (O.) taeniorhynchus*.

10. St. Peter Basseterre, Conaree, Conaree Swamp, N end of Half Moon Pond (NQ3214), near sea level; 16 Aug 66, AGM. Marshy depression in garbage dump in saltmarsh-grazing area; water semipermanent, reddish, stagnant, brackish, fermenting; abundant flotage, scum, algae and grassy vegetation. *Ae. (O.) taeniorhynchus*.

11. St. Peter Basseterre, Conaree, Conaree Swamp, N end of Half Moon Pond (NQ3214), near sea level; 16 Aug 66, AGM. Large ground pool in road in mangrove-saltmarsh area; full sun. *Ae. (O.) taeniorhynchus*, *Ps. (G.) pygmaea*.

12. St. Peter Basseterre, Conaree, Conaree Swamp, N end of Half Moon Pond (NQ3214), near sea level; 16 Aug 66, AGM. Small ground pool in mangrove-saltmarsh area; water temporary, dark colored, stagnant, fresh; no vegetation; full sun. *Ae. (O.) taeniorhynchus*.

13. St. Peter Basseterre, Conaree, SW margin of Half Moon Pond (NQ3213), near sea level; 16 Aug 66, AGM. Large ground pool at edge of mangroves fringing a salt pond; water semipermanent, turbid, stagnant, brackish; some algae present; bottom with mud and dead plant matter; deep shade. *Cu. (Cu.) bahamensis*.

14. St. Peter Basseterre, Conaree, SW margin of Half Moon Pond (NQ3213), near sea level; 16 Aug 66, AGM. Small ground pool at edge of mangroves fringing a salt pond; water temporary, turbid, stagnant, brackish; no vegetation; bottom with mud; partial shade. *Cu. (Cu.) bahamensis*.

15. St. Peter Basseterre, Conaree, SW margin of Half Moon Pond (NQ3213), near sea level; 16 Aug 66, AGM. "Dirt well" at edge of mangroves fringing a salt pond; water semipermanent, turbid, stagnant, brackish; some grassy vegetation; bottom with mud; full sun. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

16. St. Peter Basseterre, Conaree, SW margin of Half Moon Pond (NQ3213), near sea level; 16 Aug 66, AGM. Small ground pool at edge of mangroves fringing a salt pond; water semipermanent, turbid, stagnant, brackish; no vegetation; bottom with mud; partial shade. *Cu. (Cu.) bahamensis*.

17. St. Peter Basseterre, Conaree, 200 m S of S end of Half Moon Pond (NQ3213), near sea level; 16 Aug 66, AGM. Large ground pool in mangroves; water temporary, turbid, stagnant, fresh; no vegetation; bottom with mud; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

18. St. Peter Basseterre, Conaree, 200 m S of S end of Half Moon Pond (NQ3213), near sea level; 16 Aug 66, AGM. "Well" in mangroves; water permanent, greenish, stagnant, brackish; unicellular algae present. *Cu. (Cu.) bahamensis*.

19. St. Peter Basseterre, Conaree, at S end of Half Moon Pond (NQ3213), near sea level; 16 Aug 66, AGM. Swamp margin; water permanent, turbid, greenish, stagnant, brackish; abundant blue-green algae; bottom with mud and sand. *Ae. (O.) taeniorhynchus*.

20. St. Peter Basseterre, Conaree, Conaree Estate (NQ3114), near sea level; 16 Aug 66, AGM. Small ground pool in plantation; water temporary, reddish, stagnant, brackish; abundant herbaceous vegetation; bottom with sand; full sun. *Ae. (O.) taeniorhynchus*.

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21. St. Peter Basseterre, Conaree, Canada Swamp below Canada Estate (NQ3116), near sea level; 16 Aug 66, AGM. Large ground pool in mangrove-saltmarsh area; water semipermanent, reddish, stagnant, brackish; abundant blue-green algae and herbaceous vegetation; bottom with mud and sand; full sun. *Ae. (O.) taeniorhynchus*.

22. St. Peter Basseterre, Conaree, Canada Swamp below Canada Estate (NQ3116), near sea level; 16 Aug 66, AGM. Adults biting-landing on man among mangrove trees; at 1330 hrs; partial shade. *Ae. (O.) taeniorhynchus*.

23. St. Peter Basseterre, Basseterre, New Road Village, just above W end of Golden Rock Airport (NQ2913), 70 m; 16 Aug 66, AGM. Large artificial container (water drum) in domestic area; water permanent, clear, fresh; no vegetation; full sun. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

24. St. Peter Basseterre, St. Peters, St. Peters Parish Church (NQ2914), 100 m; 16 Aug 66, AGM. Large treehole (in *Cassia rubra*) at edge of domestic area; water brown; partial shade. *Ae. (S.) aegypti*.

25. St. Anne Sandy Point, Sandy Point Town, W slopes of Mount Misery (NQ1920), 700 m; 17 Aug 66, AGM. Large treehole in Incense Tree (*Bursera simaruba*) in forest; 2.5 m above ground; water turbid; bottom with organic matter; deep shade. *Ae. (H.) busckii*.

26. St. Anne Sandy Point, Sandy Point Town, W slopes of Mount Misery (NQ1920), 700 m; 17 Aug 66, AGM. Small treehole in forest; 2 m above ground; water clear; bottom with dead plant matter; deep shade. *Ae. (H.) busckii*.

27. St. Anne Sandy Point, Sandy Point Town, W slopes of Mount Misery (NQ1920), 700 m; 17 Aug 66, AGM. Small treehole in forest; at 1.2 m above ground; water turbid; bottom with dead plant matter; deep shade. *Ae. (S.) aegypti*.

28. St. Anne Sandy Point, Sant Point Town, Mount Misery, lip of The Crater on W side (NQ1920), 850 m; 17 Aug 66, AGM. Epiphytic bromeliad (*Vriesea*) in forest; at 1.2 m above ground; deep shade. *Cu. (Micra.) bisulcatus*, *Tox. (L.) ? guadeloupensis*.

29. St. Anne Sandy Point, Sandy Point Town, Mount Misery, lip of The Crater on W side (NQ1920), 850 m; 17 Aug 66, AGM. Terrestrial bromeliad (? *Glomeropitcairnia*) in forest; deep shade. *Cu. (Micra.) bisulcatus*, *Tox. (L.) ? guadeloupensis*.

30. St. Anne Sandy Point, Sandy Point Town, Mount Misery, lip of The Crater on W side (NQ1920), 850 m; 17 Aug 66, AGM. Epiphytic bromeliad (? *Glomeropitcairnia*) in forest; 0.6 m above ground; deep shade. *Cu. (Micra.) bisulcatus*, *Tox. (L.) ? guadeloupensis*.

31. St. Thomas Middle Island, Half Way Tree, Brimstone Hill Fort, caretaker's residence (NQ1717), 150 m; 18 Aug 66, AGM. Large artificial container (steel drum) in domestic area; water permanent, clear, fresh; some scum present; bottom with dead plant matter; partial shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

32. St. Thomas Middle Island, Half Way Tree, Brimstone Hill Fort, caretaker's residence (NQ1717), 150 m; 18 Aug 66, AGM. Large artificial container (copper) in domestic area; water permanent, greenish, fresh; abundant algae; bottom with organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

33. St. Thomas Middle Island, Half Way Tree, Brimstone Hill Fort, caretaker's residence (NQ1717), 150 m; 18 Aug 66, AGM. Large artificial container (old ammunition chest) in domestic area; water temporary, blackish, fresh, foul, fermenting; bottom with decaying fruit and leaves; deep shade. *Cu. (Cu.) quinquefasciatus*.

34. St. Thomas Middle Island, Half Way Tree, Brimstone Hill Fort, caretaker's residence (NQ1717), 150 m; 18 Aug 66, AGM. Large artificial container (concrete pool); water temporary,

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turbid, stagnant, fresh; some scum present. *Ae. (S.) aegypti*.

35. St. Peter Basseterre, Conaree, Conaree Swamp, N end of Half Moon Pond (NQ3214), near sea level; 19 Aug 66, GM. Marshy depression; water temporary, turbid, stagnant, brackish; some scum and herbaceous vegetation; bottom with mud and dead plant matter. *Ae. (O.) taeniorhynchus*, *Ps. (G.) pygmaea*.

36. St. Peter Basseterre, North Frigate Bay (NQ3311), near sea level; 19 Aug 66, GM. Adults resting in crabholes about 100 m from seashore; at 1200 hrs. *Ae. (O.) taeniorhynchus*, *D. magnus*.

37. St. Peter Basseterre, Conaree, Conaree Swamp, N end of Half Moon Bay (NQ3214), near sea level; 19-20 Aug 66, GM. Trap (Trinidad no. 10); at 1.2 m above ground; baited with 2 chicks; overnight to 1000 hrs. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

38. St. Peter Basseterre, Conaree, Conaree Swamp, N end of Half Moon Pond (NQ3214), near sea level; 19-20 Aug 66, GM. Trap (Trinidad no. 10); at 1 m above ground; baited with 2 chicks; overnight to 1000 hrs. *Cu. (Cu.) bahamensis*.

39. St. Peter Basseterre, Conaree, Conaree Swamp, N end of Half Moon Pond (NQ3214), near sea level; 19-20 Aug 66, GM. Trap (Chamberlain Light Trap); at 1.2 m above ground; overnight to 1000 hrs. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

40. St. George Basseterre, Basseterre, Frigate Bay, SE of Salt Pond (NQ3310), near sea level; 20-21 Aug 66, GM. Trap (Trinidad no. 10) 70 m from Salt Pond; at 1 m above ground; baited with 2 chicks; overnight to 1100 hrs. *Cu. (Cu.) bahamensis*, *D. magnus*.

41. St. George Basseterre, Basseterre, Frigate Bay, SE of Salt Pond (NQ3310), near sea level; 20-21 Aug 66, GM. Trap (Trinidad no. 10) about 100 m from Salt Pond; at 1.2 m above ground; baited with 2 chicks; overnight to 1000 hrs. *Ae. (O.) taeniorhynchus*, *D. magnus*.

42. St. Peter Basseterre, Stapleton, Bayfords (NQ2816), 200 m; 22 Aug 66, G. Large artificial container (steel drum) in domestic area; water semipermanent, clear, fresh; bottom with organic matter; partial shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

43. St. Peter Basseterre, Stapleton, Bayfords Estate (NQ2716), 300 m; 22 Aug 66, G. Large artificial container (concrete well) in domestic area; water semipermanent, brown, fresh, fermenting; bottom with organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

44. St. Peter Basseterre, Cayon, Jack in the Box (NQ2716), 400 m; 22 Aug 66, G. Stream pool in sugarcane plantation; water temporary, brown, fresh; bottom with gravel and dead leaves; partial shade. *Cu. (Cu.) declarator*, *Cu. (Mel.) madininensis*.

45. St. Peter Basseterre, Cayon, Jack in the Box (NQ2716), 400 m; 22 Aug 66, G. Stream pool in sugarcane plantation; water semipermanent, turbid, stagnant, fresh; some scum present; bottom with gravel and organic matter; partial shade. *Cu. (Cu.) declarator*.

46. St. Mary Cayon, Cayon, Green Hill Estate (NQ2717), 300 m; 22 Aug 66, G. Large artificial container (copper) in domestic area in sugarcane plantation; water permanent, clear, fresh; no vegetation; bottom with organic matter; full sun. *Cu. (Cu.) quinquefasciatus*.

47. St. Mary Cayon, Cayon, Green Hill Estate (NQ2717), 300 m; 22 Aug 66, G. Large artificial container (barrel) in domestic area in sugarcane plantation; water temporary, clear, fresh; no vegetation; bottom with organic matter; partial shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

48. St. Peter Basseterre, Cayon, Jack in the Box (NQ2716), 400 m; 23 Aug 66, G. Stream pool in sugarcane plantation; water turbid, stagnant, fresh; no vegetation; bottom with dead leaves; partial shade. *Cu. (Mel.) madininensis*.

49. St. Mary Cayon, Cayon, Cayon River just SW of Cayon (NQ2717), 200 m; 23 Aug 66, G. Stream pool in domestic area in sugarcane plantation; water permanent, clear, fresh, with slow cur-

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rent; some vegetation; bottom with gravel and dead plant matter; partial shade. *Cu. (Mel.) madininensis*.

50. St. Mary Cayon, Cayon, Whites Estate (NQ2718), 200 m; 23 Aug 66, G. Stream pool in banana plantation; water semipermanent, stagnant; no vegetation; bottom with gravel and organic matter; partial shade. *Cu. (Mel.) madininensis*.

51. St. Mary Cayon, Cayon, Cayon River at E end of Cayon (NQ2818), 50 m; 23 Aug 66, G. Stream pool in domestic area; water semipermanent, clear, fresh; some vegetation; bottom with gravel and organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

52. St. Peter Basseterre, Conaree, Canada Swamp NE of Greatheeds Pond (NQ3115), near sea level; 23-24 Aug 66, G. Trap (Trinidad no. 10) in mangrove swamp; at 1.2 m above ground; baited with chicks; from 1400-0930 hrs; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

53. St. Peter Basseterre, Conaree, Canada Swamp NE of Greatheeds Pond (NQ3115), near sea level; 23-24 Aug 66, G. Trap (Trinidad no. 10) in mangrove swamp; at 1 m above ground; baited with chicks; from 1400-0930 hrs; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

54. St. Peter Basseterre, Conaree, Canada Swamp NE of Greatheeds Pond (NQ3115), near sea level; 24 Aug 66, G. Pool in mangrove swamp; water temporary, clear, fresh; no vegetation; bottom with mud and dead leaves; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

55. St. Peter Basseterre, Conaree, Canada Swamp NE of Greatheeds Pond (NQ3115), near sea level; 24 Aug 66, G. Pool in mangrove swamp; water temporary, clear, fresh; no vegetation; bottom with mud and organic matter; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

56. St. Peter Basseterre, Conaree, Canada Swamp NE of Greatheeds Pond (NQ3115), near sea level; 24 Aug 66, G. Pool in mangrove swamp; water temporary, clear, fresh; no vegetation; bottom with mud and organic matter; partial shade. *Cu. (Cu.) bahamensis*.

57. St. Peter Basseterre, Conaree, S of Greatheeds Pond (NQ3115), near sea level; 24 Aug 66, G. Large artificial container (steel drum) in mangroves; water temporary, brown, fresh; no vegetation; bottom with organic matter; partial shade. *Ae. (O.) taeniorhynchus*.

58. St. Peter Basseterre, Conaree, S of Greatheeds Pond (NQ3115), near sea level; 24 Aug 66, G. Large ground pool in mangroves; water permanent, turbid, stagnant, fresh; some vegetation present; bottom with mud; partial shade. *Ae. (O.) taeniorhynchus*.

59. St. Mary Cayon, Cayon, Key (NQ3017), 10 m; 25 Aug 66, G. Large artificial container (steel drum) in domestic area; water temporary, clear, fresh; no vegetation; bottom with organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

60. St. Mary Cayon, Ottleys, Brighton Estate (NQ2719), 100 m; 25 Aug 66, G. Large artificial container (concrete pond) in domestic area; water turbid, stagnant, fresh; no vegetation; bottom with organic matter; partial shade. *Ae. (S.) aegypti*.

61. St. Mary Cayon, Ottleys, Brighton Estate (NQ2719), 100 m; 25 Aug 66, G. Large artificial container (tire) in domestic area; water temporary, clear, fresh; no vegetation; bottom with organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

62. St. Mary Cayon, Ottleys, Brighton Estate (NQ2719), 100 m; 25 Aug 66, G. Large artificial container (concrete pond) in domestic area; water temporary, turbid, fresh; no vegetation; bottom with organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

63. St. Mary Cayon, Lodge, Lodge Estate (NQ2719), 80 m; 25 Aug 66, G. Large treehole (in *Cassia rubra*) in domestic area; at 1.2 m above ground; water clear; bottom with organic matter; partial shade. *Ae. (H.) busckii*, *Ae. (S.) aegypti*.

64. St. Peter Basseterre, Conaree, just W of Half Moon Pond (NQ3214), near sea level; 25-26 Aug 66, G. Trap (Trinidad no. 10) in coconut plantation near mangrove-salt pond area; at 1.2 m

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above ground; baited with chicks; from 1300-0930 hrs; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

65. St. Peter Basseterre, Conaree, just W of Half Moon Pond (NQ3214), near sea level; 25-26 Aug 66, G. Trap (Trinidad no. 10) in coconut plantation near mangrove-salt pond area; at 1.2 m above ground; baited with chicks; from 1300-0930 hrs; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

66. St. Peter Basseterre, Conaree, just W of Half Moon Pond (NQ3214), near sea level; 26 Aug 66, G. Biting man in mangroves near salt pond; at 1000 hrs; partial shade. *Ae. (O.) taeniorhynchus*.

67. St. Thomas Middle Island, Old Road Town, Wingfield Manor Estate (NQ2115), 50 m; 27 Aug 66, G. Large artificial container (tire) in domestic area in sugarcane plantation; water semi-permanent, clear, fresh; partial shade. *Cu. (Cu.) quinquefasciatus*.

68. St. Thomas Middle Island, Old Road Town, Wingfield Manor Estate (NQ2115), 50 m; 28 Aug 66, G. Epiphytic bromeliad (*Tillandsia utriculata*) in domestic area in sugarcane plantation; at 3 m above ground; partial shade. *Cu. (Micra.) bisulcatus*.

69. Christ Church Nichola Town, Molyneux, Molyneux Estate (NQ2620), 130 m; 29 Aug 66, G. Large artificial container (copper) in domestic area in sugarcane plantation; water semipermanent, turbid, fresh; no vegetation; bottom with organic matter; partial shade. *Ae. (S.) aegypti*.

70. Christ Church Nichola Town, Molyneux, Molyneux Estate (NQ2620), 130 m; 29 Aug 66, G. Large artificial container (copper) in domestic area in sugarcane plantation; water semipermanent, turbid, fresh; no vegetation; bottom with organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

71. Christ Church Nichola Town, Molyneux, Mansion Estate (NQ2520), 70 m; 29 Aug 66, G. Large artificial container (tire) in domestic area in sugarcane plantation; water temporary, turbid, fresh; bottom with organic matter; partial shade. *Ae. (S.) aegypti*, *Cu. (Cu.) bahamensis*, *Cu. (Cu.) quinquefasciatus*.

72. Christ Church Nichola Town, Molyneux, Mansion Estate (NQ2520), 70 m; 29 Aug 66, G. Fallen coconut husk in domestic area; water clear, fresh; no vegetation; bottom with organic matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

73. Christ Church Nichola Town, Phillips, Upper Mansion Estate (NQ2520), 150 m; 29 Aug 66, G. Large artificial container (copper) in sugarcane plantation; water permanent, turbid, fresh; no vegetation; bottom with organic matter; partial shade. *Cu. (Cu.) declarator*, *Cu. (Cu.) quinquefasciatus*.

74. St. Peter Basseterre, Conaree, SW side of Half Moon Pond (NQ3213), near sea level; 30 Aug 66, GM. Large ground pool in saltmarsh-mangrove area; water semipermanent, turbid, brackish; some scum and herbaceous vegetation; bottom with mud, sand, dead leaves and twigs; partial shade. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

75. St. Peter Basseterre, Conaree, SW side of Half Moon Pond (NQ3213), near sea level; 30 Aug 66, GM. Large ground pool in saltmarsh-mangrove area; water semipermanent, turbid, stagnant, brackish; some scum and herbaceous vegetation; bottom with mud, sand, dead leaves and fruit. *Ae. (O.) taeniorhynchus*, *Cu. (Cu.) bahamensis*.

76. St. John Capisterre, Sadlers, Belle Vue Estate (NQ2323), 50 m; 30 Aug 66, GM. Large artificial container (tire) in domestic area; water temporary, turbid, fresh; partial shade. *Ae. (S.) aegypti*.

77. St. John Capisterre, Sadlers, Belle Vue Estate (NQ2323), 50 m; 30 Aug 66, GM. Biting-landing and sweeping collections made in barn; at 1000 hrs. *Ae. (S.) aegypti*.

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78. St. John Capisterre, Sadlers, Belle Vue Estate (NQ2323), 50 m; 30 Aug 66, GM. Large artificial container (concrete pool) in domestic-cultivation area; water permanent, turbid, stagnant, fresh; some scum and herbaceous and woody vegetation; bottom with dead leaves; deep shade. *Cu. (Cu.) quinquefasciatus*.

79. St. John Capisterre, Sadlers, Harris Estate (NQ2223), 80 m; 30 Aug 66, GM. Large artificial container (copper) in cultivated area; water semipermanent, turbid, fresh; no vegetation; partial shade. *Ae. (S.) aegypti*.

80. St. John Capisterre, Sadlers, Harris Estate (NQ2223), 80 m; 30 Aug 66, GM. Large artificial container (concrete pool) in cultivated area; water permanent, turbid, stagnant, fresh; some scum and grassy vegetation; bottom with gravel and dead leaves; partial shade. *Cu. (Cu.) declarator*, *Cu. (Cu.) quinquefasciatus*.

81. St. John Capisterre, Sadlers, Harris Estate (NQ2223), 80 m; 30 Aug 66, GM. Large artificial container (copper) in cultivated area; water semipermanent, clear, fresh; no vegetation; partial shade. *Cu. (Cu.) quinquefasciatus*.

82. St. Peter Basseterre, Conaree, SW side of Half Moon Pond (NQ3213), near sea level; 30-31 Aug 66, GM. Trap (Trinidad no. 10) 100 m from salt pond in saltmarsh; at 1 m above ground; baited with 2 chicks; overnight to 1000 hr; deep shade. *Cu. (Cu.) bahamensis*.

83. St. Peter Basseterre, Conaree, SW side of Half Moon Pond (NQ3213), near sea level; 30-31 Aug 66, GM. Trap (Trinidad no. 10) 150 m from salt pond in saltmarsh; at 0.6 m above ground; baited with 2 chicks; overnight to 1000 hrs; deep shade. *Cu. (Cu.) bahamensis*.

84. St. John Capisterre, Parsons Ground, Parsons Estate (NQ2024), 70 m; 31 Aug 66, M. Large artificial container (copper) in cultivation-domestic area; water semipermanent, turbid, fresh, foul; some scum present; bottom with animal matter; partial shade. *Cu. (Cu.) quinquefasciatus*.

85. St. John Capisterre, Parsons Ground, Parsons Estate (NQ2024), 70 m; 31 Aug 66, M. Large artificial container (copper) in cultivation-domestic area; water turbid, fresh; some scum present; bottom with dead leaves; deep shade. *Cu. (Cu.) quinquefasciatus*.

86. St. John Capisterre, Dieppe Bay Town, Caines Estate (NQ2025), near sea level; 31 Aug 66, M. Large artificial container (tire) in plantation; water turbid, fresh; deep shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

87. St. Paul Capisterre, St. Pauls, Mount Pleasant Estate (NQ1824), 100 m; 31 Aug 66, M. Large artificial container (tire) in cultivation-domestic area; water turbid, fresh; some scum present; bottom with dead leaves; partial shade. *Cu. (Cu.) quinquefasciatus*.

88. St. Paul Capisterre, Newton Ground, Fahies Estate (NQ1622), 120 m; 1 Sept 66, M. Large artificial container (tire) in cultivated area; water turbid, fresh; deep shade. *Cu. (Cu.) quinquefasciatus*.

89. St. Paul Capisterre, Newton Ground, Fahies Estate (NQ1622), 120 m; 1 Sept 66, M. Large artificial container (concrete cistern) in cultivation-domestic area; water permanent, clear, fresh; no vegetation; deep shade. *Cu. (Cu.) quinquefasciatus*.

90. St. George Basseterre, Basseterre, Cayon Street (NQ2912), 20 m; 1 Sept 66, M. Adults biting-landing on man in house; from 1400-1800 hrs. *Ae. (S.) aegypti*.

91. St. George Basseterre, Basseterre, Government House (NQ2812), 40 m; 4 Sept 66, GM. Small artificial container (tin can) in domestic area; water turbid; partial shade. *Ae. (S.) aegypti*, *Cu. (Cu.) quinquefasciatus*.

92. Christ Church Nichola Town, Old Road Town, Level (highest stretch of pass between Mt.

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Misery and South East Range), (NQ2317), 430 m; 5 Sept 66, G. *Heliconia* flower bracts in forest; deep shade. *Ae. (H.) busckii*.

93. Christ Church Nichola Town, Old Road Town, Level (highest stretch of pass between Mt. Misery and South East Range), (NQ2317), 430 m; 5 Sept 66, GM. *Heliconia* flower bracts in forest; deep shade. *Ae. (H.) busckii*.

94. Christ Church Nichola Town, Old Road Town, Level (highest stretch of pass between Mt. Misery and South East Range), (NQ2317), 430 m; 5 Sept 66, GM. *Heliconia* flower bracts in clearing; deep shade. *Ae. (H.) busckii*.

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CHRIST CHURCH NICHOLA TOWN

Level (highest stretch of pass between Mt. Misery and South East Range), (NQ2317), 430 m.—92,93,94.

Mansion Estate (NQ2520), 70 m.—71,72.

Molyneux Estate (NQ2620), 130 m.—69,70.

Upper Mansion Estate (NQ2520), 150 m.—73.

SAINT ANNE SANDY POINT

Mount Misery (upper W slopes to lip of The Crater), (NQ1920), 700-850 m.—25,26,27,28,29,30.

SAINT GEORGE BASSETERRE

Basseterre. Pond Pasture (NQ3012), near sea level.—1,2,3,4. Cayon Street (NQ2912), 20 m.—90. Government House (NQ2812), 40 m.—91.

Bird Rock (1.5 km SE of Basseterre), (NQ3111), 30 m.—5.

Frigate Bay. Just SE of Salt Pond (NQ3310), near sea level.—40,41.

Frigate Bay Estate (NQ3311), near sea level.—7.

SAINT JOHN CAPISTERRE

Belle Vue Estate (NQ2323), 50 m.—76,77,78.

Caines Estate (NQ2025), near sea level.—86.

Harris Estate (NQ2223), 80 m.—79,80,81.

Parsons Estate (NQ2024), 70 m.—84,85.

SAINT MARY CAYON

Brighton Estate (NQ2719), 100 m.—60,61,62.

Cayon River. E end of Cayon (NQ2818), 50 m.—51. Just SW of Cayon (NQ2717), 200 m.—49.

Green Hill Estate (NQ2717), 300 m.—46,47.

Key (NQ3017), 10 m.—59.

Lodge Estate (NQ2719), 80 m.—63.

Whites Estate (NQ2718), 200 m.—50.

SAINT PAUL CAPISTERRE

Fahies Estate (NQ1622), 120 m.—88,89.

Mount Pleasant Estate (NQ1824), 100 m.—87.

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SAINT PETER BASSETERRE

Bayfords (NQ2816), 200 m.—42.

Bayfords Estate (NQ2716), 300 m.—43.

Canada Swamp. See *Greatheeds Pond*.

Conaree Estate (NQ3114), near sea level.—20.

Conaree Swamp. See *Half Moon Pond*.

Greatheeds Pond (surrounded by *Canada Swamp*). *Canada Swamp* below *Canada Estate* (NQ3116), near sea level.—21,22. NE of *Greatheeds Pond* (NQ3115), near sea level.—52,53,54,55,56. S of *Greatheeds Pond* (NQ3115), near sea level.—57,58.

Half Moon Pond (surrounded by *Conaree Swamp*). Various localities on N, W and S sides of *Half Moon Pond* (NQ3213,3214), near sea level.—8,9,10,11,12,13,14,15,16,17,18,19,35,37,38,39,64,65,66,74,75,82,83.

Jack in the Box (NQ2716), 400 m.—44,45,48.

New Road Village (NQ2913), 70 m.—23.

North Frigate Bay (NQ3311), near sea level.—6,36.

St. Peters Parish Church (NQ2914), 100 m.—24.

SAINT THOMAS MIDDLE ISLAND

Brimstone Hill Fort. Caretaker's residence (NQ1717), 150 m.—31,32,33,34.

Wingfield Manor Estate (NQ2115), 50 m.—67,68.

KIT Species Index

Aedes (Howardina) busckii (Coquillett, 1906).—25,26,63,92,93,94.

Aedes (Ochlerotatus) taeniorhynchus (Wiedemann, 1821).—2,3,4,6,7,8,9,10,11,12,15,17,19,20,21,22,35,36,37,39,41,52,53,54,55,57,58,64,65,66,74,75.

Aedes (Stegomyia) aegypti (Linnaeus, 1762).—5,23,24,27,31,34,42,47,60,63,69,71,76,77,79,86,90,91.

Culex (Culex) bahamensis Dyar and Knab, 1906.—13,14,15,16,17,18,37,38,39,40,52,53,54,55,56,64,65,71,74,75,82,83.

Culex (Culex) declarator Dyar and Knab, 1906.—44,45,73,80.

Culex (Culex) quinquefasciatus Say, 1823.—1,2,5,23,31,32,33,42,43,46,47,51,59,61,62,67,70,71,72,73,78,80,81,84,85,86,87,88,89,91.

Culex (Melanoconion) madininensis Senevet, 1936.—44,48,49,50.

Culex (Micraedes) bisulcatus (Coquillett, 1906).—28,29,30,68.

Deinocerites magnus (Theobald, 1901).—36,40,41.

Psorophora (Grabhamia) pygmaea (Theobald, 1903).—8,11,35.

Toxorhynchites (Lynchiella) ? guadeloupensis (Dyar and Knab, 1906).—28,29,30.

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